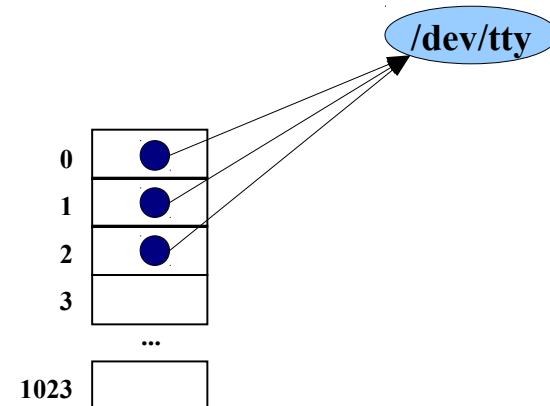


Princeton University
COS 217: Introduction to Programming Systems
Trace of testduplic

```
% gcc217 testduplic.c -o testduplic
```

Princeton University
COS 217: Introduction to Programming Systems
Trace of testdupin

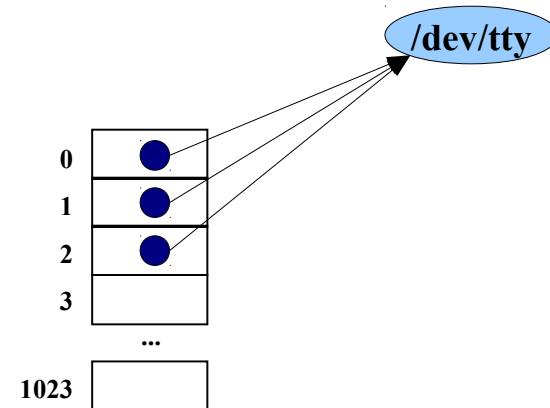
% ./testdupin



```
int main(void)
{
    int iFd;
    char acBuffer[100];
    iFd = open("tempfile", O_RDONLY);
    close(0);
    dup(iFd);
    close(iFd);
    fgets(acBuffer, 100, stdin);
    fputs(acBuffer, stdout);
    return 0;
}
```

Princeton University
COS 217: Introduction to Programming Systems
Trace of testdupin

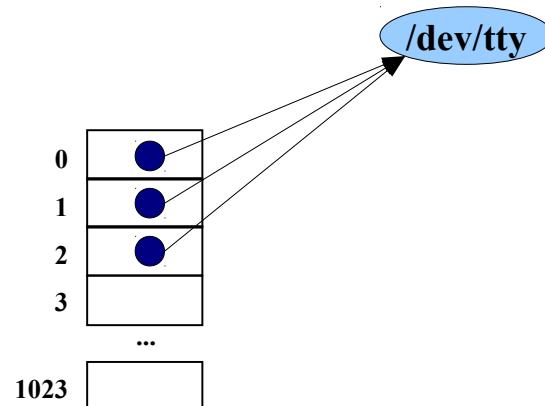
% ./testdupin



```
int main(void)
{
    int iFd;
    char acBuffer[100];
    iFd = open("tempfile", O_RDONLY);
    close(0);
    dup(iFd);
    close(iFd);
    fgets(acBuffer, 100, stdin);
    fputs(acBuffer, stdout);
    return 0;
}
```

Princeton University
COS 217: Introduction to Programming Systems
Trace of testdupin

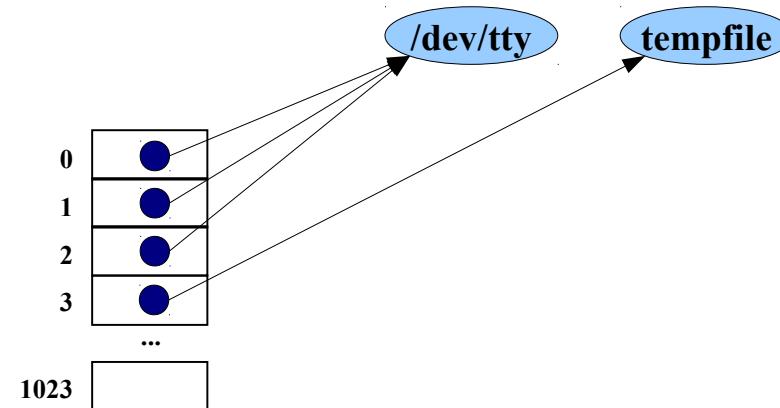
% ./testdupin



```
int main(void)
{
    int iFd;
    char acBuffer[100];
    iFd = open("tempfile", O_RDONLY);
    close(0);
    dup(iFd);
    close(iFd);
    fgets(acBuffer, 100, stdin);
    fputs(acBuffer, stdout);
    return 0;
}
```

Princeton University
COS 217: Introduction to Programming Systems
Trace of testdupin

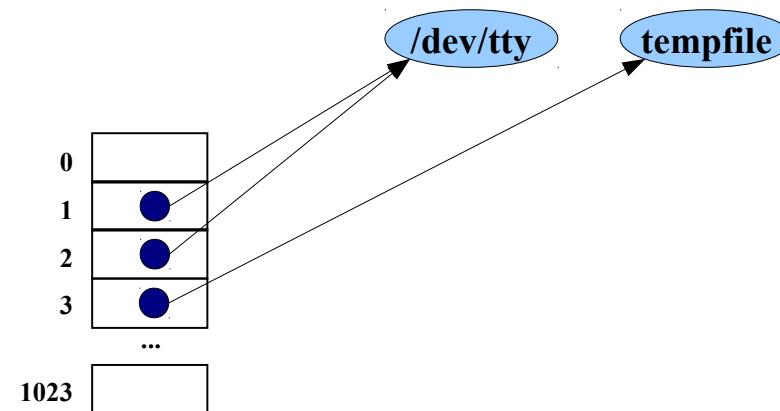
% ./testdupin



```
int main(void)
{
    int iFd;
    char acBuffer[100];
    iFd = open("tempfile", O_RDONLY);
    close(0);
    dup(iFd);
    close(iFd);
    fgets(acBuffer, 100, stdin);
    fputs(acBuffer, stdout);
    return 0;
}
```

Princeton University
COS 217: Introduction to Programming Systems
Trace of testdupin

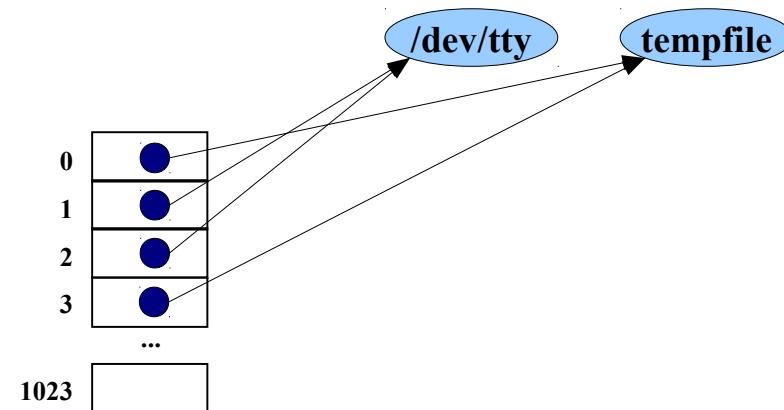
% ./testdupin



```
int main(void)
{
    int iFd;
    char acBuffer[100];
    iFd = open("tempfile", O_RDONLY);
    close(0);
    dup(iFd);
    close(iFd);
    fgets(acBuffer, 100, stdin);
    fputs(acBuffer, stdout);
    return 0;
}
```

Princeton University
COS 217: Introduction to Programming Systems
Trace of testdupin

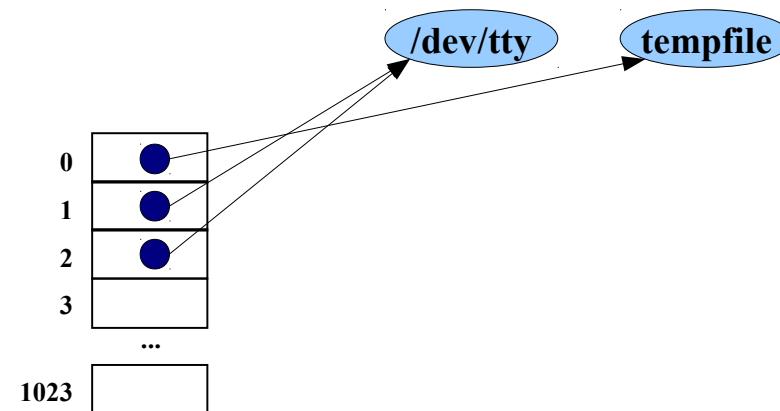
% ./testdupin



```
int main(void)
{
    int iFd;
    char acBuffer[100];
    iFd = open("tempfile", O_RDONLY);
    close(0);
    dup(iFd);
    close(iFd);
    fgets(acBuffer, 100, stdin);
    fputs(acBuffer, stdout);
    return 0;
}
```

Princeton University
COS 217: Introduction to Programming Systems
Trace of testdupin

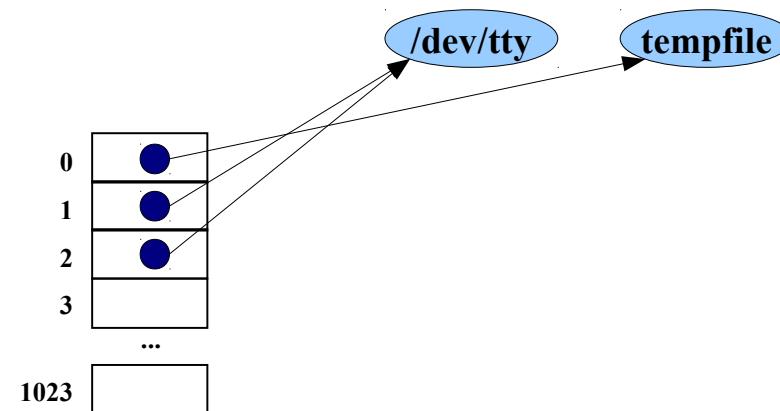
% ./testdupin



```
int main(void)
{
    int iFd;
    char acBuffer[100];
    iFd = open("tempfile", O_RDONLY);
    close(0);
    dup(iFd);
    close(iFd);
    fgets(acBuffer, 100, stdin);
    fputs(acBuffer, stdout);
    return 0;
}
```

Princeton University
COS 217: Introduction to Programming Systems
Trace of testdupin

% ./testdupin

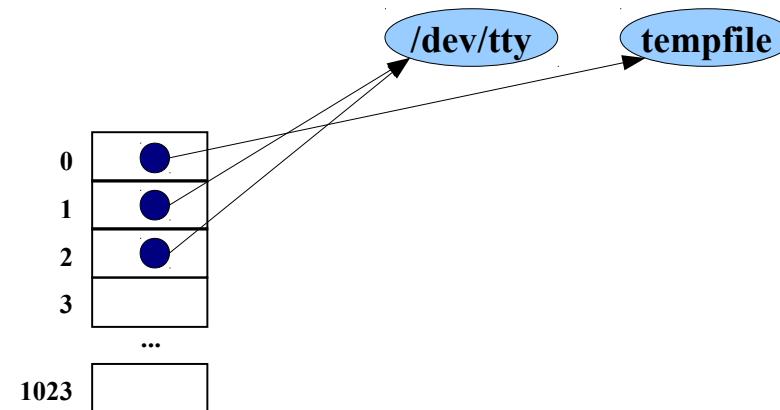


```
int main(void)
{
    int iFd;
    char acBuffer[100];
    iFd = open("tempfile", O_RDONLY);
    close(0);
    dup(iFd);
    close(iFd);
    fgets(acBuffer, 100, stdin);
    fputs(acBuffer, stdout);
    return 0;
}
```

Reads from stdin (alias tempfile):
somedata\n

Princeton University
COS 217: Introduction to Programming Systems
Trace of testdupin

% ./testdupin

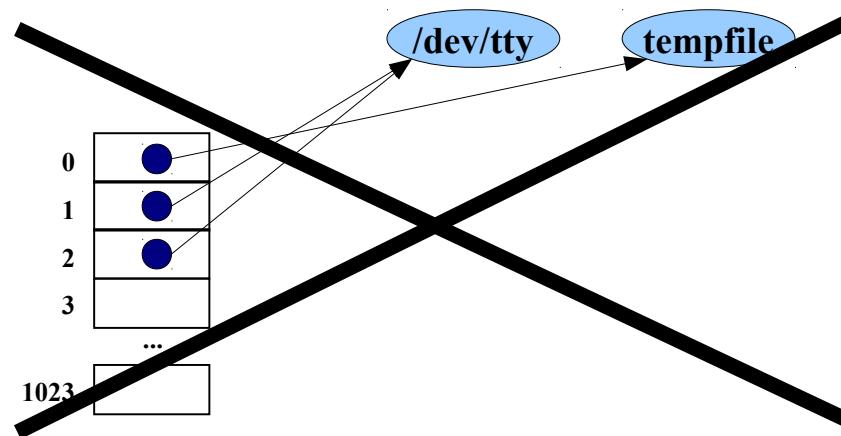


```
int main(void)
{
    int iFd;
    char acBuffer[100];
    iFd = open("tempfile", O_RDONLY);
    close(0);
    dup(iFd);
    close(iFd);
    fgets(acBuffer, 100, stdin);
    fputs(acBuffer, stdout);
    return 0;
}
```

Writes to stdout (alias /dev/tty)::
`somedata\n`

Princeton University
COS 217: Introduction to Programming Systems
Trace of testdupin

% ./testdupin



```
int main(void)
{
    int iFd;
    char acBuffer[100];
    iFd = open("tempfile", O_RDONLY);
    close(0);
    dup(iFd);
    close(iFd);
    fgets(acBuffer, 100, stdin);
    fputs(acBuffer, stdout);
    return 0;
}
```

Princeton University
COS 217: Introduction to Programming Systems
Trace of testduplicin

%

Copyright © 2019 by Robert M. Dondero, Jr.