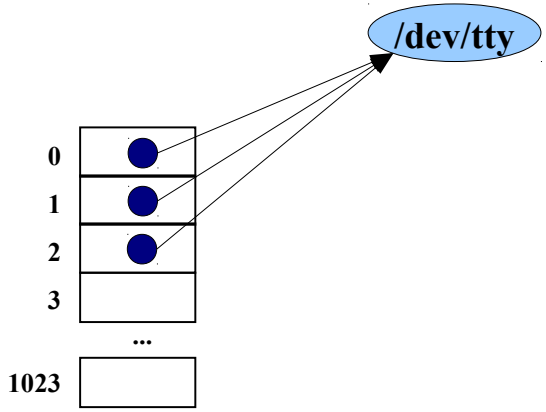
Princeton University
COS 217: Introduction to Programming Systems
Trace of testdupout

```
% gcc217 testdupout.c -o testdupout
```

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

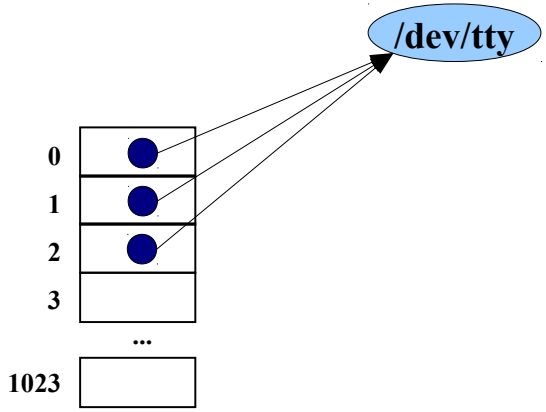
```
% ./testdupout
```




```
int main(void)
{
   int iFd;
   iFd = creat("tempfile", 0600);
   close(1);
   dup(iFd);
   close(iFd);
   fputs("somedata\n", stdout);
   return 0;
}
```

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

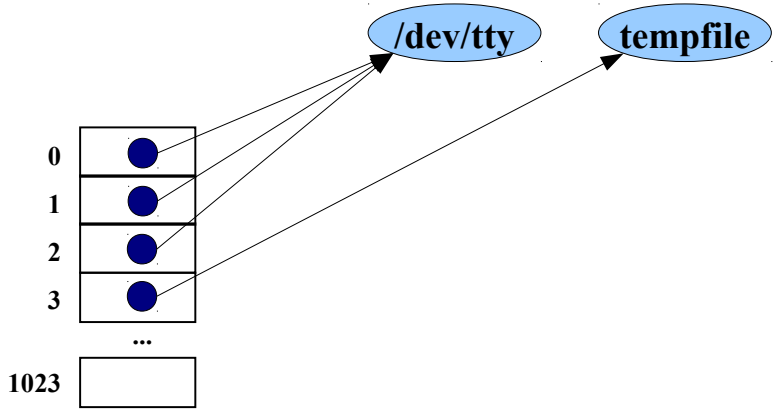
```
% ./testdupout
```




```
int main(void)
{
   int iFd;
   iFd = creat("tempfile", 0600);
   close(1);
   dup(iFd);
   close(iFd);
   fputs("somedata\n", stdout);
   return 0;
}
```

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

```
% ./testdupout
```

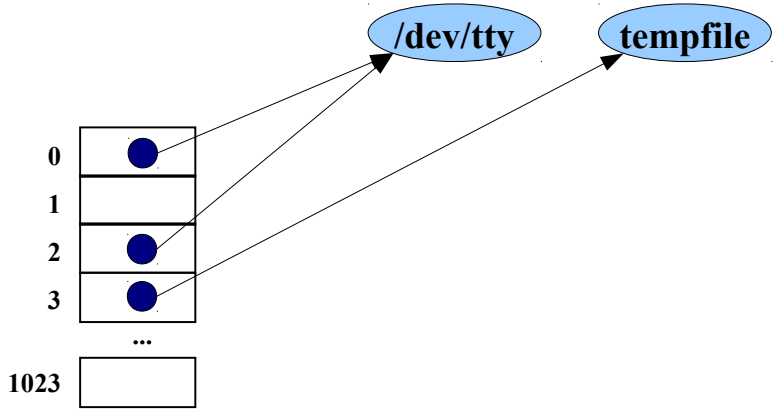



```
int main(void)
{
   int iFd;
   iFd = creat("tempfile", 0600);
   close(1);
   dup(iFd);
   close(iFd);
   fputs("somedata\n", stdout);
   return 0;
}
```

3

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

```
% ./testdupout
```

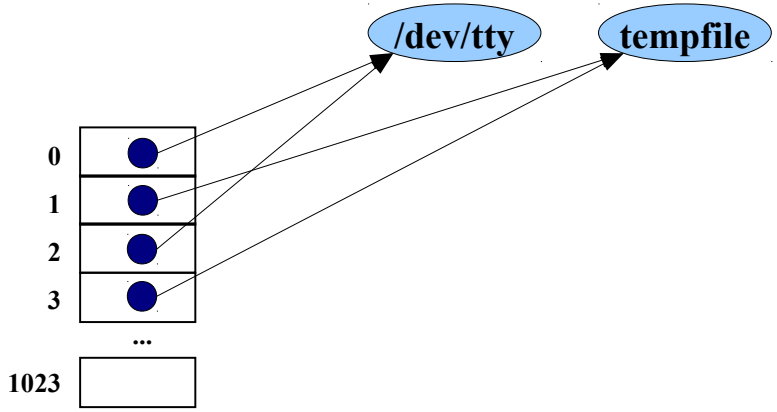



```
int main(void)
{
   int iFd;
   iFd = creat("tempfile", 0600);
   close(1);
   dup(iFd);
   close(iFd);
   fputs("somedata\n", stdout);
   return 0;
}
```

3

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

```
% ./testdupout
```

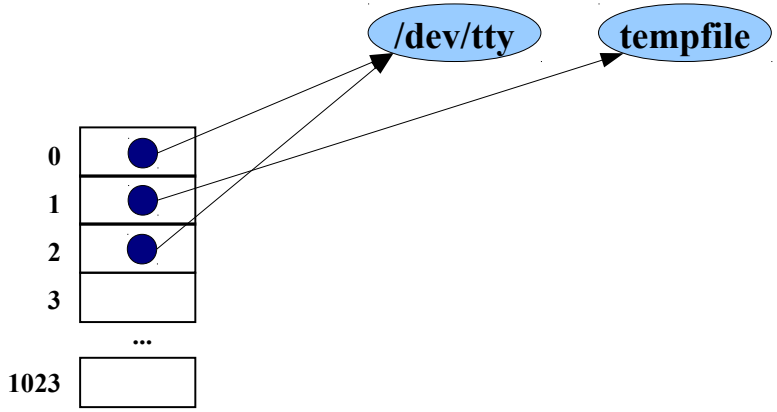



```
int main(void)
{
   int iFd;
   iFd = creat("tempfile", 0600);
   close(1);
   dup(iFd);
   close(iFd);
   fputs("somedata\n", stdout);
   return 0;
}
```

3

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

```
% ./testdupout
```

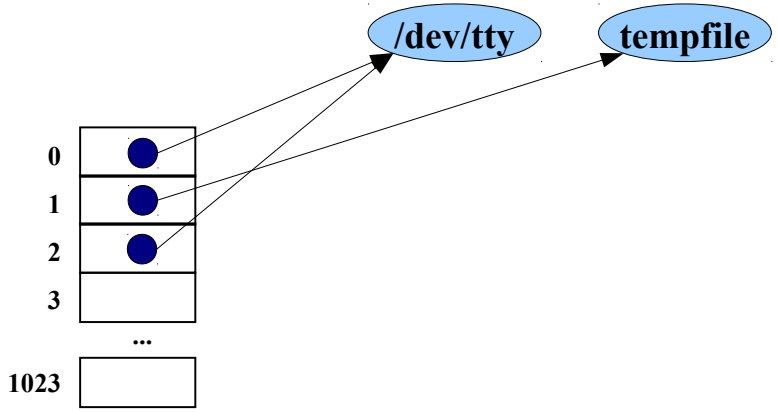



```
int main(void)
{
   int iFd;
   iFd = creat("tempfile", 0600);
   close(1);
   dup(iFd);
   close(iFd);
   fputs("somedata\n", somedata);
   return 0;
}
```

3

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

```
% ./testdupout
```




```
int main(void)
{
   int iFd;
   iFd = creat("tempfile", 0600);
   close(1);
   dup(iFd);
   close(iFd);
   fputs("somedata\n", stdout);
   return 0;
}
```

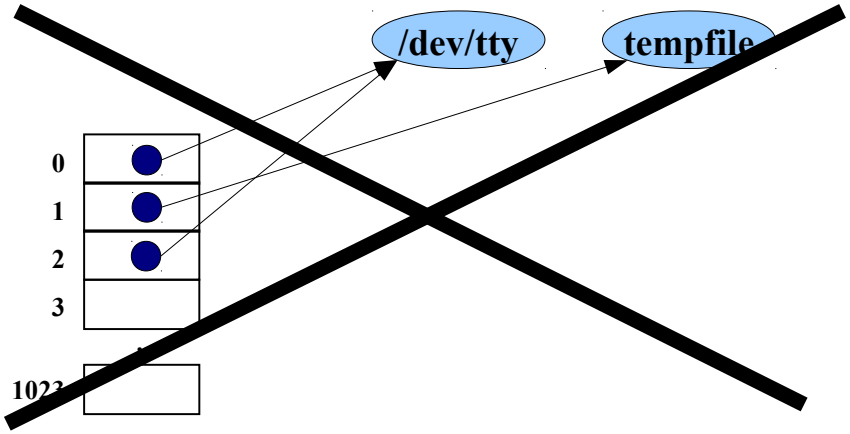
3

Writes to stdout (alias tempfile):

```
somedata
```

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

```
% ./testdupout
```




```
int main(void)
{
   int iFd;
   iFd = creat("tempfile", 0600);
   close(1);
   dup(iFd);
   close(iFd);
   fputs("somedata\n", stdout);
   return 0;
}
```

3

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

```
%
```