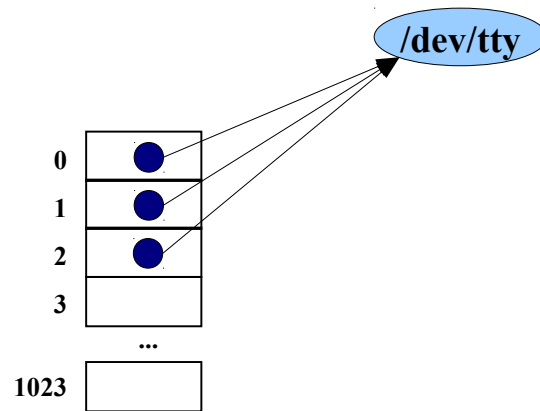


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**Trace of testdupout**

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

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Trace of testdupout

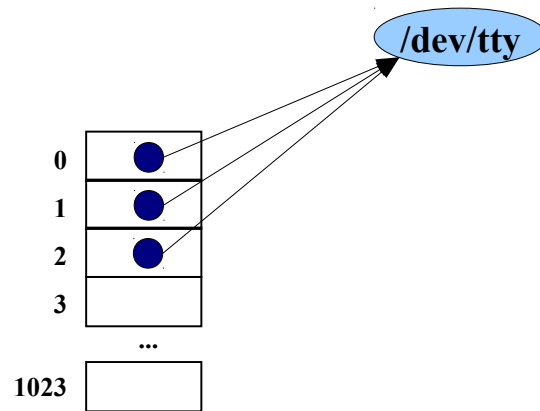
```
% ./testdupout
```



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

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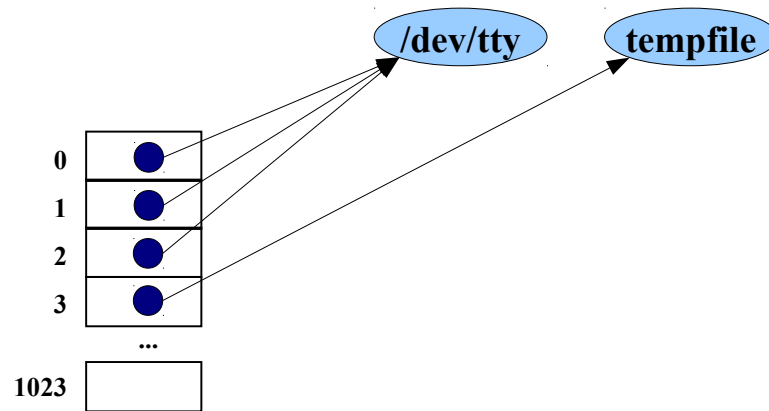
```
% ./testdupout
```



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

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```
% ./testdupout
```

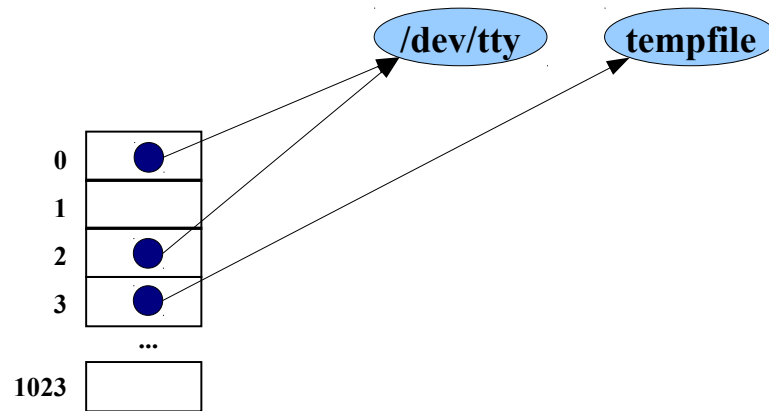


```
int main(void)
{
    int iFd;
    iFd = creat("tempfile", 0600);
    close(1);
    dup(iFd);
    close(iFd);
    fputs("somedata\n", stdout);
    return 0;
}
```

A small white box with the number 3 is positioned to the right of the `int main(void)` line. An arrow points from this box to the `iFd` variable in the `creat` function call.

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Trace of testdupout

```
% ./testdupout
```

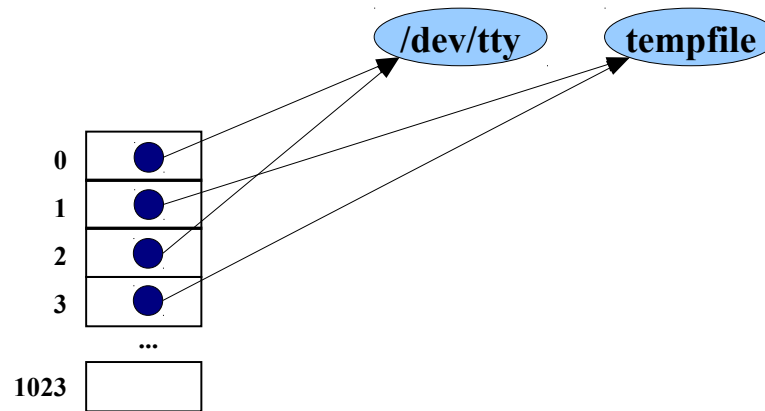


```
int main(void)
{
    int iFd;
    iFd ← creat("tempfile", 0600);
    close(1);
    dup(iFd);
    close(iFd);
    fputs("somedata\n", stdout);
    return 0;
}
```

3

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Trace of testdupout

```
% ./testdupout
```

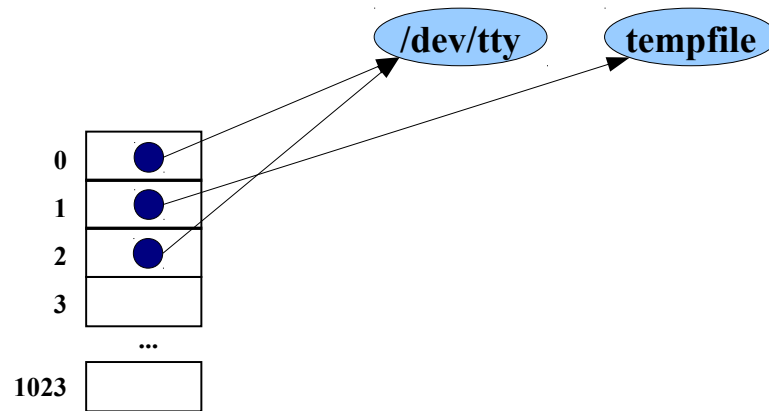


```
int main(void)
{
    int iFd;
    iFd ← creat("tempfile", 0600);
    close(1);
    dup(iFd);
    close(iFd);
    fputs("somedata\n", stdout);
    return 0;
}
```

3

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Trace of testdupout

```
% ./testdupout
```

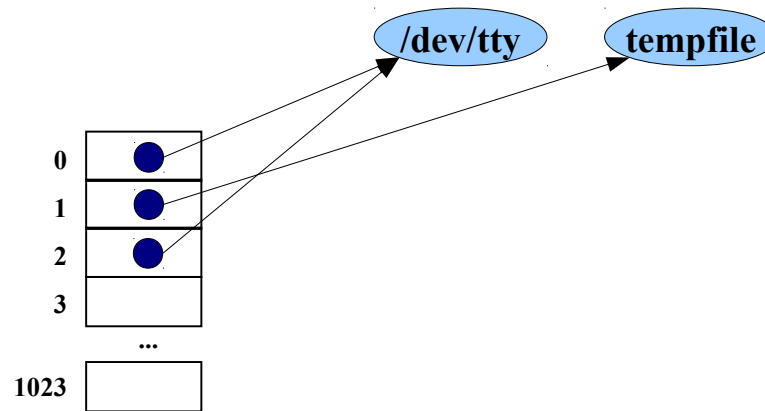


```
int main(void)
{
    int iFd;
    iFd ← creat("tempfile", 0600);
    close(1);
    dup(iFd);
    close(iFd);
    fputs("somedata\n", somedata);
    return 0;
}
```

3

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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;
}
```

Writes to stdout (alias tempfile):  
somedata

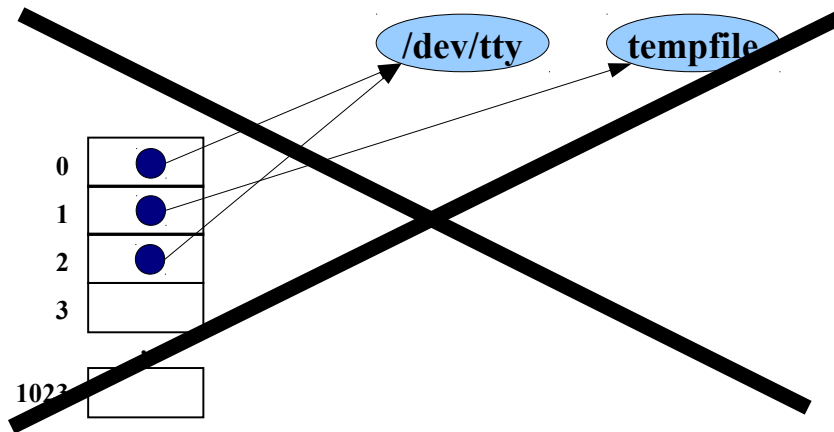


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### Trace of testdupout

```
% ./testdupout
```



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

The code block is crossed out with a large black X. A small white box with the number "3" is positioned above the `dup(iFd);` line, with an arrow pointing to the `iFd` variable.

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**Trace of testdupout**

⊘

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