









```
Process fork

(forh.c)

int main () {

printf("Hello");

int x= c forkc);

if (rc = o) { exit(1); / fork failed t/ }

if (rc > o) { printf ("parent"); * t= 1; }

if (rc = o) { printf ("child"); * = 2: }

printf ("X: > d", *);
}
```

- child does not print "Hello"

- Parent prints x → 6

Child prints x → 10

other things are also passed alongopen file descriptor namespaces, priority, etc.

c muzi

0

\* Shell. c -> gap between fork and exec for output redirection

fork + write DB to disk

parent process continues to
serve requests