main() function Declarations

```
void main(void)
int main(void)
int main(int argc, char *argv[])
        argc - no. of command line arguments
        argv - list of command line arguments

    ./a.out 10 3.142 sunbeam

    argc = 4        argv[0] = "./a.out"
                    argv[1] = "10"
                    argv[2] = "3.142"
                    argv[3] = "sunbeam"
                    argv[4] = NULL

int main(int argc, char *argv[], char *envp[])
        envp - list of environment variables
```

fork() - to create new process

parent
process

./a.out

child
process

S   ret → child pid

H

D

T

fork()

S   ret ← 0

H

D

T

EC

EC

PCB

PCB