```
% gcc217 hello.c -o hello
```

[%] gcc217 testexec.c -o testexec

```
int main(int argc, char *argv[])
{
   char *apcArgv[2];
   printf("%d testexec\n", (int)getPid());
   apcArgv[0] = "./hello";
   apcArgv[1] = NULL;
   execvp("./hello", apcArgv);
   perror(argv[0]);
   exit(EXIT_FAILURE);
}
```

```
int main(int argc, char *argv[])
{
   char *apcArgv[2];
   printf("%d testexec\n", (int)getPid());
   apcArgv[0] = "./hello";
   apcArgv[1] = NULL;
   execvp("./hello", apcArgv);
   perror(argv[0]);
   exit(EXIT_FAILURE);
}
```

% ./testexec

```
int main(int argc, char *argv[])
{
   char *apcArgv[2];
   printf("%d testexec\n", (int)getPid());
   apcArgv[0] = "./hello";
   apcArgv[1] = NULL;
   execvp("./hello", apcArgv);
   perror(argv[0]);
   exit(EXIT_FAILURE);
}
```

Writes:

22440 testexec

```
int main(int argc, char *argv[])
{
   char *apcArgv[2];
   printf("%d testexec\n", (int)getPid());
   apcArgv[0] = "./hello";
   apcArgv[1] = NULL;
   execvp("./hello", apcArgv);
   perror(argv[0]);
   exit(EXIT_FAILURE);
}
```

```
int main(int argc, char *argv[])
{
  char *apcArgv[2];
  printf("%d testexec\n", (int)getPid());
  apcArgv[0] = "./hello";
  apcArgv[1] = NULL;
  execvp("./hello", apcArgv);
  perror(argv[0]);
  exit(EXIT_FAILURE);
}
```

```
int main(int argc, char *argv[])
{
   char *apcArgv[2];
   printf("%d testexec\n", (int)getPid());
   apcArgv[0] = "./hello";
   apcArgv[1] = NULL;
   execvp("./hello", apcArgv);
   perror(argv[0]);
   exit(EXIT_FAILURE);
}
```

```
int main(void)
{
   pid_t iPid;
   iPid = getpid();
   printf("%d hello\n", (int)iPid);
   return 0;
}
```

```
int main(void)
{
   pid_t iPid;
   iPid = getpid();
   printf("%d hello\n", (int)iPid);
   return 0;
}
```

```
int main(void)
{
   pid_t iPid;
   iPid = getpid();
   printf("%d hello\n", (int)iPid);
   return 0;
}
```

% ./testexec

```
int main(void)
{
   pid_t iPid;
   iPid = getpid();
   printf("%d hello\n", (int)iPid);
   return 0;
}
```

Writes:

22440 hello

```
int main(void)
{
   pid_t iPid;
   iPid = getpid();
   printf("%d hello\n", (int)iPFN);
   return 0:
}
```

%

% mv hello nothello

```
int main(int argc, char *argv[])
{
   char *apcArgv[2];
   printf("%d testexec\n", (int)getPid);
   apcArgv[0] = "./hello";
   apcArgv[1] = NULL;
   execvp("./hello", apcArgv);
   perror(argv[0]);
   exit(EXIT_FAILURE);
}
```

```
int main(int argc, char *argv[])
{
   char *apcArgv[2];
   printf("%d testexec\n", (int)getPid());
   apcArgv[0] = "./hello";
   apcArgv[1] = NULL;
   execvp("./hello", apcArgv);
   perror(argv[0]);
   exit(EXIT_FAILURE);
}
```

% ./testexec

```
int main(int argc, char *argv[])
{
   char *apcArgv[2];
   printf("%d testexec\n", (int)getPid());
   apcArgv[0] = "./hello";
   apcArgv[1] = NULL;
   execvp("./hello", apcArgv);
   perror(argv[0]);
   exit(EXIT_FAILURE);
}
```

Writes:

22454 testexec

```
int main(int argc, char *argv[])
{
   char *apcArgv[2];
   printf("%d testexec\n", (int)getPid());
   apcArgv[0] = "./hello";
   apcArgv[1] = NULL;
   execvp("./hello", apcArgv);
   perror(argv[0]);
   exit(EXIT_FAILURE);
}
```

```
int main(int argc, char *argv[])
{
   char *apcArgv[2];
   printf("%d testexec\n", (int)getPid());
   apcArgv[0] = "./hello";
   apcArgv[1] = NULL;
   execvp("./hello", apcArgv);
   perror(argv[0]);
   exit(EXIT_FAILURE);
}
```

```
int main(int argc, char *argv[])
{
   char *apcArgv[2];
   printf("%d testexec\n", (int)getPid());
   apcArgv[0] = "./hello";
   apcArgv[1] = NULL;
   execvp("./hello", apcArgv);
   perror(argv[0]);
   exit(EXIT_FAILURE);
}
```

% ./testexec

```
int main(int argc, char *argv[])
{
   char *apcArgv[2];
   printf("%d testexec\n", (int)getPid());
   apcArgv[0] = "./hello";
   apcArgv[1] = NULL;
   execvp("./hello", apcArgv);
   perror(argv[0]);
   exit(EXIT_FAILURE);
}
```

Writes:

./testexec: No such file or directory

```
int main(int argc, char *argv[])
{
   char *apcArgv[2];
   printf("%d testexee\n", /int)getPid());
   apcArgv[0] = "./hell ;
   apcArgv[1] = NULL;
   execvp("./hello", apcArgv);
   perror(zigv[0]);
   exi'(EXIT_FAILURE);
}
```

%

% mv nothello hello

```
int main(int argc, char *argv[])
{
   char *apcArgv[2];
   printf("%d testexec\n", (int)getPid());
   apcArgv[0] = "./hello";
   apcArgv[1] = NULL;
   execvp("./hello", apcArgv);
   perror(argv[0]);
   exit(EXIT_FAILURE);
}
```

```
int main(int argc, char *argv[])
{
    char *apcArgv[2];
    printf("%d testexec\n", (int)getPid());
    apcArgv[0] = "./hello";
    apcArgv[1] = NULL;
    execvp("./hello", apcArgv);
    perror(argv[0]);
    exit(EXIT_FAILURE);
}
```

% ./testexec

```
int main(int argc, char *argv[])
{
   char *apcArgv[2];
   printf("%d testexec\n", (int)getPid());
   apcArgv[0] = "./hello";
   apcArgv[1] = NULL;
   execvp("./hello", apcArgv);
   perror(argv[0]);
   exit(EXIT_FAILURE);
}
```

Writes:

22463 testexec

```
int main(int argc, char *argv[])
{
   char *apcArgv[2];
   printf("%d testexec\n", (int)getPid());
   apcArgv[0] = "./hello";
   apcArgv[1] = NULL;
   execvp("./hello", apcArgv);
   perror(argv[0]);
   exit(EXIT_FAILURE);
}
```

```
int main(int argc, char *argv[])
{
   char *apcArgv[2];
   printf("%d testexec\n", (int)getPid());
   apcArgv[0] = "./hello";
   apcArgv[1] = NULL;
   execvp("./hello", apcArgv);
   perror(argv[0]);
   exit(EXIT_FAILURE);
}
```

```
int main(int argc, char *argv[])
{
   char *apcArgv[2];
   printf("%d testexec\n", (int)getPid());
   apcArgv[0] = "./hello";
   apcArgv[1] = NULL;
   execvp("./hello", apcArgv);
   perror(argv[0]);
   exit(EXIT_FAILURE);
}
```

```
int main(void)
{
   pid_t iPid;
   iPid = getpid();
   printf("%d hello\n", (int)iPid);
   return 0;
}
```

```
int main(void)
{
   pid_t iPid;
   iPid = getpid();
   printf("%d hello\n", (int)iPid);
   return 0;
}
```

```
int main(void)
{
   pid_t iPid;
   iPid = getpid();
   printf("%d hello\n", (int)iPid);
   return 0;
}
```

% ./testexec

```
int main(void)
{
   pid_t iPid;
   iPid = getpid();
   printf("%d hello\n", (int)iPid);
   return 0;
}
```

Writes:

22463 hello

```
int main(void)
{
   pid_t iPid;
   iPid = getpid();
   printf("%d hello\n", (int)iPNN;
   return 0:
}
```

%