

On *fork()*: What are all possible outputs of the following program? Why?

```
#include <stdio.h>

int main(int argc, char *argv[])
{
    int pid ;

    pid = fork(); /* fork another process */

    if (pid == 0) { /* child process*/
        printf("A");
    } else if (pid > 0) { /* parent process */
        printf("B");
    }
}
```

On *fork()*: What are all possible outputs of the following program? Why?

```
#include <stdio.h>

int main(int argc, char *argv[])
{
    int pid ;

    pid = fork(); /* fork another process */

    if (pid == 0) { /* child process*/
        printf("A");
    } else if (pid > 0) { /* parent process */
        wait(NULL);
        printf("B");
    }
}
```

On *fork()*: What are all possible outputs of the program?

```
#include <stdio.h>

int main(int argc, char *argv[])
{
    int pid ;
    int control ;

    control = 10 ;

    pid = fork(); /* fork another process */

    if (pid == 0) { /* child process*/
        printf("child=%d\n", control);
    } else if (pid > 0) { /* parent process */
        printf("parent=%d", control);
    }
}
```

On *fork()*: What are the output of the program?

```
#include <stdio.h>

int main(int argc, char *argv[])
{
    int pid ;
    int control ;

    control = 10 ;

    pid = fork(); /* fork another process */

    control = 20 ;

    if (pid == 0) { /* child process*/
        printf("child=%d", control);
    } else if (pid > 0) { /* parent process */
        printf("parent=%d", control);
    }
}
```

On *fork()*: What are the output of the program?

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#include <stdio.h>

int main(int argc, char *argv[])
{
    int pid ;
    int control ;

    control = 10 ;

    pid = fork(); /* fork another process */

    if (pid == 0) { /* child process*/
        control = 20 ;
        printf("child=%d", control);
    } else if (pid > 0) { /* parent process */
        printf("parent=%d", control);
    }
}
```