On Pthread: What are the output of the program?

```
#include <pthread.h>
#include <stdio.h>
 volatile int sum = 0;
void *runner1()
{   sum = 1 ;   }
void *runner2()
{ sum = 2 ; }

main(int argc, char *argv[])
{
pthread_t tid1, tid2; /* the thread identifier */
pthread_attr_t attr; /* set of attributes for the thread */

/* get the default attributes */
pthread_attr_init(&attr);

/* create the thread 1 & 2*/
pthread_create(&tid1,&attr,runner1,NULL);
pthread_create(&tid2,&attr,runner2,NULL);

printf("sum = %d\n",sum);
}
```

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

```
#include <stdio.h>

int sum = 0 ;
int main(int argc, char *argv[])
{
   int pid ;

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

   if (pid == 0)  { /* child process*/
    sum = 1 ;
    }  else if (pid > 0 )  {  /* parent process */
    sum = 2 ;
    }

  printf("%d ",sum) ;
}
```