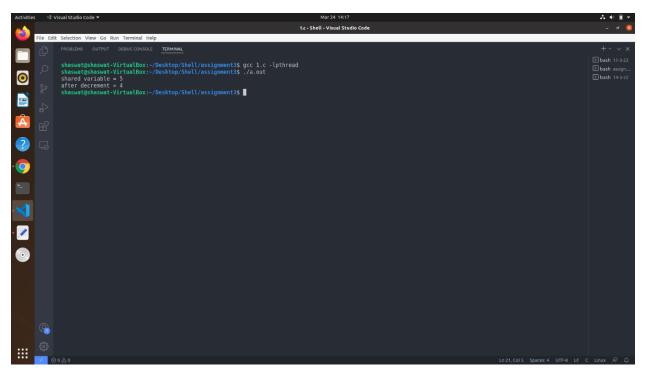
1. Write a multithreading program, where threads runs same shared golbal variable of the process between them.

```
Action of Visual Stadio Code*

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```

Output:-

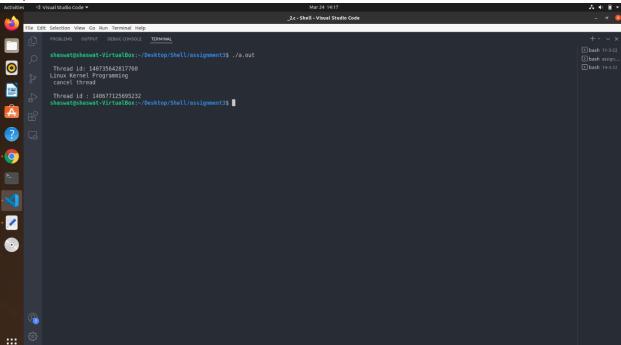


2. Write a program where thread cancel itself.(use pthread_cancel())

```
Activates of Vinual Studies Code*

| Section |
```

Output:-



3. Write a program that changes the default properties of newly created posix

threads.(ex: to change default pthread stack size)

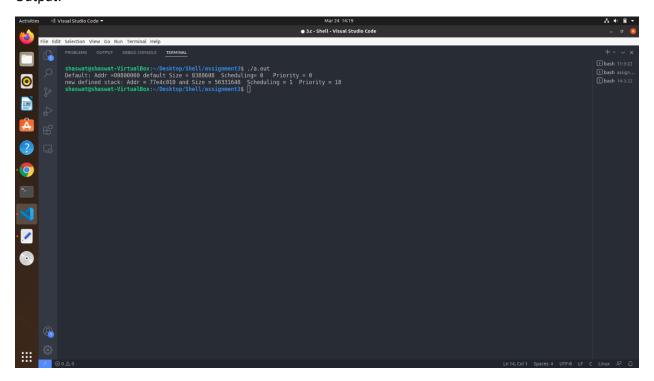
```
#include<pthread.h>
#include<unistd.h>
#include<stdlib.h>
#include<fcntl.h>
#include<string.h>
   pthread t id;
```

```
pthread_attr_setschedpolicy(&Attr,sc);
pthread_attr_setschedparam(&Attr,&p);

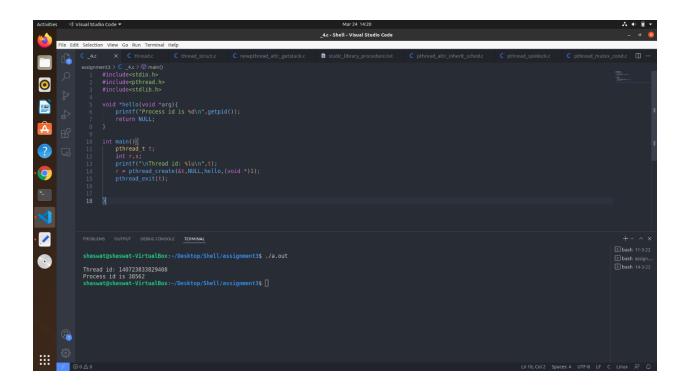
pthread_attr_getstack(&Attr,&stk,&siz);

pthread_attr_getschedparam(&Attr,&p);
pthread_attr_getschedpolicy(&Attr,&sc);
printf("new defined stack: Addr = %08x and Size = %d\tScheduling = %ld\tPriority = %ld\n",stk,siz,sc,p.sched_priority);
}
```

Output:-



4. Write a program where pthread task displays the thread id and also prints the calling process pid.



5. Write a program that implements threads synchronization using mutex techniques.

```
Action of Virtual Studio Code*

Se-Shell-Virtual Studio Code*

Se-Shell-Virtual Studio Code*

Se-Shell-Virtual Studio Code*

The Edd Selection Virtual Code in Terminal Help

Convenience and Code of Code of
```

Output:-

