

PROGRAM 3:

(i) THREAD

```
#include<stdio.h>
#include<stdlib.h>
#include<pthread.h>
int sum = 0;
void *fun1(void *arg)
{
    int n = atoi(arg);
    int i;
    for(i=1;i<=n;i++)
        sum = sum + i;
    pthread_exit(0);
}
int main(int argc, char *argv[])
{
    pthread_t tid;
    pthread_attr_t attr;
    pthread_attr_init(&attr);
    pthread_create(&tid, &attr, fun1, argv[1]);
    pthread_join(tid, NULL);
    printf("Sum updated from thread is %d\n",sum);
    exit(0);
}
```