

***Operating systems Lab Work***

***Practical 10***

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Code:

#include<stdio.h>

#include<pthread.h>

void \*print(void \*ptr){

    int \*n=(int \*)ptr;

    for(int i=1;i<=10;i++){

        if ((\*n)==1 && i%2!=0){

            printf("Thread 1:%d\n",i);

        }

        else if ((\*n)==2 && i%2==0){

            printf("Thread 2:%d\n",i);

        }else{

            continue;

        }

    }

}

int main(){

    pthread\_t thread1,thread2;

    int arg1=1;

    int arg2=2;

    int iret1=pthread\_create(&thread1,NULL,print,(void \*)&arg1);

    int iret2=pthread\_create(&thread2,NULL,print,(void \*)&arg2);

    pthread\_join(thread1,NULL);

    pthread\_join(thread2,NULL);

    printf("iret1:%d\n",iret1);

    printf("iret2:%d",iret2);

    return 0;

}

Output:

