BCSE303P - Operating Systems Lab

Assessment 3 Implementation of CPU scheduling algorithms

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Threads:

program1:

code:

#include <stdio.h>

#include <stdlib.h>

#include <pthread.h>

void\* func(void \*)

{

printf("New thread");

}

int main(){

pthread\_t tid;

pthread\_create(&tid,NULL,func,NULL);

printf("Main thread");

return 0;

}

output:



program 3:

#include <stdio.h>

#include <stdlib.h>

#include <pthread.h>

void\* func(void \*)

{

for(int i=0;i<2;i++){

printf("\nSleep");

}

}

void\* func2(int n)

{

for(int i=0;i<n;i++){

printf("\n%d",i\*i);

}

}

int main(){

pthread\_t tid1,tid2;

pthread\_create(&tid1,NULL,func,NULL);

printf("\nMain thread\n");

pthread\_join(tid1,NULL);

int n=5;

pthread\_create(&tid2,NULL,func2,n);

pthread\_join(tid2,NULL);

return 0;

}

output:

