Operating System Lab 6

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Question # 1

# include<stdio.h>

#include<unistd.h>

int main()

{

printf("Enter number of fork minimum 2: ");

int n=0;

scanf("%d",&n);

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

{

fork();

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

}

return 0;

}

Text

Description automatically generated

Question # 2

# include<stdio.h>

#include<unistd.h>

void child();

void parent();

void parent(int n)

{

int sum=0;

for(int i=1;i<=n;i++)

{

sum=sum+i;

}

printf("Sum is %d\n",sum);

}

void child(int n)

{

int product=1;

for(int i=1;i<=n;i++)

{

product=product\*i;

}

printf("Product is %d\n",product);

}

int main()

{

printf("Enter number : ");

int n=0;

scanf("%d",&n);

pid\_t a;

a=fork();

if(a==0)

child(n);

else

parent(n);

return 0;

}

Text

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