# Program:

#include <iostream>

#include <stdlib.h>

using namespace std;

class calulate

{

public:

int gcd,lcm;

void operate(int a , int b)

{

for(int i=1; i<=a && i<=b; i++)

if(a%b==0 && a%b==0)

gcd=i;

lcm=(a\*b)/gcd;

}

void display()

{

cout<<"\nLCM : "<<lcm;

cout<<"\nGCD : "<<gcd;

}

}

int main()

{

int g, a, b, p1, p2, p1a;

p1=0;

p2=0;

g=getpid();

cout<<" Process Creation - UR12CS135\n\n";

cout<<"Current Parenet process ID is : "<<getpid()<<"\n\n";

cout<<"Enter value of A";

cin>>a;

cout<<"Enter value of B";

cin>>b;

//pt.operate(a,b);

p2=fork();

if(p2==0)

{

cout<<"\n\n------------------------------------------------------------------------";

cout<<"\nChile "<<getpid()<<" is in control, under the Parent "<<g<<" : ";

cout<<"\nAddition Operation Result : "<<a+b;

cout<<"\nSubtraction Operation Result : "<<a-b;

p1a=fork();

if(p1a==0)

{

cout<<"\nGrandchild "<<getpid()<<" is in control, under the Parent "<<getppid()<<"";

}

}

else

{

p1=fork();

if(p1==0)

{

cout<<"\n\nProcess "<<getpid()<<" is in control, under the Parent "<<g<<" : ";

}

}

return 0;

}

# Output:

