C++ CODES

1. #include <bits/stdc++.h>

using namespace std;

int main() {

int marks;

cin >> marks;

if(marks<25)

{

cout<< "F";

}

if(marks>=25 && marks<=44)

{

cout<< "E";

}

Else if(marks>=45 && marks<=49)

{

cout<< "D";

}

else if(marks>=50 && marks<=59)

{

cout<< "C";

}

Else if(marks>=60 && marks<=79)

{

cout<< "B";

}

Else if(marks>=80 && marks<=100)

{

cout<< "A";

}

return 0;}

#include <stdio.h>

#include<math.h>

int reverse(int x){

int rev,ld,count;

if(x<0)

{

x=x\*-1;

count=1;

}

rev=0;

while(x>0)

{

ld=x%10;

rev=(rev\*10)+ld;

x=x/10;

}

if(rev>(pow(2,31)-1)) return 0;

if(count==1) return rev\*-1;

else return rev;

}

int main() {

int x,rev;

scanf("%d",&x);

rev= reverse(x);

printf("%d",rev);

return 0;

}

FINDING GCD OF TWO NUMBERS

#include<stdio.h>

int gcd(int a,int b)

{

if(a==b) return a;

if(a>b)

{

return(gcd(a-b,b));

}

else{

return(gcd(b-a,a));

}

}

int main()

{

int a,b,k;

scanf("%d%d",&a,&b);

k=gcd(a,b);

printf("gcd=%d",k);

return 0;

}