# C Programs

**1)Cricket World Cup Qualifier:**

#include <stdio.h>

Int main(void) {

Int x;

Scanf(“%d”,&x);

If(x>=12)

Printf(“YES\n”);

Else

Printf(“NO\n”);

Return 0;

}

**2)Lucky Seven:**

#include <stdio.h>

Int main(void) {

Char s[11];

Scanf(“%s”,s);

Printf(“%c”,s[6]);

Return 0;

}

**3)Clear Day**

#include <stdio.h>

Int main(void) {

Int x,y;

Scanf(“%d %d”,&x,&y);

Int z=7-(x+y);

Printf(“

**}**

**4)Double Rent:**

#include <stdio.h>

Int main(void) {

Int x;

Scanf(“%d”, &x);

Printf(“%d”, x\*2);

Return 0;

}

**5)Saving Taxes:**

#include <stdio.h>

Int main(void) {

Int t;

Scanf(“%d”,&t);

For(int i=0;i<t;i++Int x,y;

Scanf(“%d %d”,&x,&y);

Printf(“%d \n”,x-y);

}

Return 0;

}

**6)Masterchef finals:**

#include <stdio.h>

Int main(void) {

Int T;

Scanf(“%d”,&T);

For (int i=0;i<T;i++){

Int X;

Scanf(“%d”,&X);

If(X<=10){

Printf(“YES\n”);

}else{

Printf(“NO\n”);

}

}

Return 0;

}

**7)Biryani classes:**

#include <stdio.h>

Int main() {

Int x,y,t,z;

Scanf(“%d”,&t);

While(t--){

Scanf(“%d%d”,&x,&y);

Z=x\*y;

Printf(“%d\n”,z);

}

}

**8)Chef Plays Ludo:**

#include <stdio.h>

Int main(void) {

Int I,t,x;

Scanf(“%d”,&t);

For(i=0;i<t;i++){

Scanf(“%d”,&x);

If(x==6){

Printf(“YES\n”);

}else{

Printf(“NO\n”);

}

}

Return 0;

}

**9)How many unattempted problems:**

#include <stdio.h>

Int main(void) {

Int x,y;

Scanf(“%d %d”,&x, &y);

Printf(“%d”,x-y);

Return 0;

}

### 10)Determine the Score:

#include <stdio.h>

Int main(void) {

Int t,x=10,n,i=0,a;

Scanf(“%d”,&t);

For(i=0;i<t;i++){

Scanf(“%d”,&n);

Scanf(“%d”,&a);

Int c=( n/10)\*a;

Printf(“%d “,c);

}

}

# 11)404 Not Found

#include <stdio.h>

Int main(void) {

Int I;

Scanf(“%d”,&i);

If(i==404)

Printf(“NOT FOUND”);

Else

Printf(“FOUND”);

Return 0;

}

### 12)Off By One

#include <stdio.h>

Int main(void) {

Int a,b;

Scanf(“%d%d”,&a,&b);

Printf(“%d1”,a+b);

Return 0;

}

### 13)Donation Drive

#include <stdio.h>

Int main(void) {

Int t,I,n,x;

Scanf(“%d”,&t);

For(i=0;i<t;i++)

{

Scanf(“%d %d”,&n,&x);

Printf(“%d\n”,(n-x));

}

}

### 14)Kitchen Timings

#include <stdio.h>

Int main(void) {

Int t,a,b;

Scanf(“%d”,&t);

While(t>0)

{

t--;

scanf(“%d%d”,&a,&b);

printf(“%d\n”,b-a);

}

Return 0;

}

### 15)IPL Ticket Rush

#include <stdio.h>

Int main(void) {

Int t;

Scanf(“%d”,&t);

While(t--){

Int m,n;

Scanf(“%d%d”,&m,&n);

If(m<=n){

Printf(“0\n”);

}

Else {

Printf(“%d\n”,m-n);

}

}

Return 0;

}

### 16)Audible Range

#include <stdio.h>

Int main() {

Int t;

Scanf(“%d”, &t);

While (t--) {

Int x;

Scanf(“%d”, &x);

If (x >= 67 && x <= 45000) {

Printf(“YES\n”);

} else {

Printf(“NO\n”);

} } Return 0;

}

### 17)Puzzle Hunt

#include <stdio.h>

Int main(void) {

Int N;

Scanf(“%d”,&N);

If(N>=6&&N<=8)

{

Printf(“\nYes”);}

Else

{

Printf(“\nNo”);

}

Return 0;}

### 18)Bone Appetit

#include <stdio.h>

Int main(void) {

Int n,m,x,y;

Scanf(“%d%d%d%d”, &n,&m,&x,&y);

Printf(“%d\n”, (x\*n)+(y\*m));

Return 0;}

### 19)Who is taller!

#include <stdio.h>

Int main(void) {

Int t,a,b;

Scanf(“%d”,&t);

While(t--){

Scanf(“%d%d”,&a,&b);

If(a>b){

Printf(“A\n”);

}

Else

Printf(“B\n”);}

}

### 20)Reach the Target

#include <stdio.h>

Int main(void) {

Int T,X,Y;

Scanf(“%d”,&T);

For(int i=0;i<T;i++){

Scanf(“%d %d”,&X,&Y);

Printf(“%d\n”,(X-Y));}

Return 0;

}

### 21)Best of Two

#include <stdio.h>

Int main(void) {

Int t;

Scanf(“%d”,&t);

While(t--){

Int x,y;

Scanf(“%d%d”,&x,&y);

If(x>=y)

Printf(“%d\n”,x);

Else

Printf(“%d\n”,y);

} }

### 22) 2000

#include <stdio.h>

Int main(void) {

Int N;

Scanf(“%d”,&N);

Printf(“%d”,N\*4);

Return 0;}

### 23)Roller Coaster

#include <stdio.h>

Int main(void) {

Int t;

Scanf(“%d”, &t);

While(t--){

Int x,h;

Scanf(“%d %d”,&x,&h);

If(x >= h) {

Printf(“YES\n”); }

Else

{

Printf(“NO\n”); }}

Return 0;}

### 24)Candy Division

#include <stdio.h>

Int main(void) {

Int t,n;

Scanf(“%d”,&t);

While(t--){

Scanf(“%d”,&n);

If(n%3==0)

Printf(“YES\n”);

Else

Printf(“NO\n”);}

Return 0;}

### 25)Chef On Date

#include <stdio.h>

Int main(void) {

Int t;

Scanf(“%d”, &t);

While(t!=0) {

Int x,y;

Scanf(“%d %d”, &x, &y);

If (x>=y) {

Printf(“yes \n”); }

Else

Printf(“no \n”) t--; }

Return 0;}

### 26)Parity

#include <stdio.h>

Int main(void) {

Int t,x;

Scanf(“%d”,&t);

While(t--)

{

Scanf(“%d”,&x);

If(x%2==0) {

Printf(“YES\n”);}

Else {

Printf(“NO\n”);

}}

Return 0;

}

**27)Total Prize Money**

#include <stdio.h>

int main(void) {

int t;

scanf("%d",&t);

while(t--){

int x,y;

scanf("%d %d",&x,&y);

printf("%d\n",(x\*10)+(y\*90));

}

return 0;

}

**28)Counting Words**

#include <stdio.h>

int main(void) {

int t;

scanf("%d",&t);

while(t--){

int a,b;

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

printf("\n%d",a\*b); }

// your code goes here

return 0;

}

**29)Battery Health**

#include <stdio.h>

int main(void) {

int t;

scanf("%d",&t);

while(t--)

{

int x;

scanf("%d",&x);

if(x>=80)

printf("YES\n");

else

printf("NO\n");

}

return 0;

}

**30)Tom and Jerry Chase**

#include <stdio.h>

int main(void) {

int urmija;

scanf("%d",&urmija);

while(urmija--){

int h,g;

scanf("%d%d",&h,&g);

if(h>=g) printf("NO\n");

else printf("YES\n");

}

return 0;

}

**31)Ageing**

#include <stdio.h>

int main(void) {

int t,x;

scanf("%d",&t);

while(t--)

{

scanf("%d",&x);

printf("%d\n",x-10);

}

return 0;}

**32)Right There**

#include <stdio.h>

int main(void) {

int T;

scanf("%d",&T);

while(T--)

{

int N,M;

scanf("%d%d",&N,&M);

if(N<=M)

printf("YES\n");

else

printf("NO\n");

}

Return 0;}

**33)Second Max of Three Numbers**

#include <stdio.h>

int main(void) {

int t , a, b, c;

scanf("%d",&t);

while(t--){

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

if(a>b && a<c || a<b && a>c)

printf("%d\n",a);

else if(b>a && b<c || b<a && b>c)

printf("%d\n",b);

else if(c>a && c<b || c<a && c>b)

printf("%d\n",c);

}

return 0;

}

**34)Bull or Bear**

#include <stdio.h>

int main(void) {

int t,x,y;

scanf("%d",&t);

while(t--){

scanf("%d %d",&x,&y);

if(y>x){

printf("PROFIT\n");

}

else if(x==y){

printf("NEUTRAL\n");

}

else{

printf("LOSS\n");

}

}

return 0;

}

**35)Four Tickets**

#include <stdio.h>

int main(void) {

int t,n,x=1000;

scanf("%d",&t);

while(t--)

{

scanf("%d",&n);

if(n\*4<=1000)

printf("yes\n");

else

printf("NO\n");

}

return 0;

}

**36)Chairs Requirement**

#include <stdio.h>

int main(void)

{

int T;

scanf("%d",&T);

while(T--)

{

int x,y;

scanf("%d%d",&x,&y);

if(x>=y)

{

printf("\n%d",x-y);

}

else

{

printf("\n%d",0);

}

}

return 0;

}

**37)Chef and Donation**

#include <stdio.h>

int main(void) {

int t;

scanf("%d",&t);

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

{

int x,y;

scanf("%d%d",&x,&y);

int diff=0;

if(y>x)

{

diff=y-x;

printf("%d\n",diff);

}

}

return 0;

}

**38)Sum it**

#include <stdio.h>

int main(void) {

int t;

scanf("%d",&t);

while(t--)

{

int a,b,c;

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

if(a+b==c)

printf("yes\n");

else

printf("no\n");

}

return 0;

}

**39)Get Subscription**

#include <stdio.h>

int main(void) {

int t;

scanf("%d", &t);

for(int i=1;i<=t;i++){

int x;

scanf("%d", &x);

if(x >30){

printf("Yes\n");

}

else{

printf("No\n");

} }

return 0;

}

**40)Messi vs Ronaldo**

#include <stdio.h>

int main(void)

{

int a,b,x,y;

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

if( ((a\*2)+b) > ((x\*2)+y) )

{

printf("Messi\n");

}

else if( ((a\*2)+b) < ((x\*2)+y) )

{

printf("Ronaldo\n");

}

else

{

printf("Equal\n");

}

return 0;

}

**41)Waiting Time**

#include <stdio.h>

int main(void) {

int t , k , n ;

scanf("%d",&t);

while(t--){

scanf("%d%d",&k,&n);

printf("%d\n",(k\*7)-n);

}return 0;

}

**42)Four Tickets**

#include <stdio.h>

int main(void) {

int t,n,x=1000;

scanf("%d",&t);

while(t--)

{

scanf("%d",&n);

if(n\*4<=1000)

printf("yes\n");

else

printf("NO\n");

}

return 0;}

**43)Chairs Requirement**

#include <stdio.h>

int main(void)

{

int T;

scanf("%d",&T);

while(T--)

{

int x,y;

scanf("%d%d",&x,&y);

if(x>=y)

{

printf("\n%d",x-y);

}

else

{

printf("\n%d",0);

}

}

return 0;

}

**44)October Marathon**

#include <stdio.h>

int main(void) {

int a;

scanf("%d",&a);

if(a<3)

printf("gold\n");

else if(a>=3 && a<6)

printf("silver\n");

else

printf("bronze\n");

return 0;

}

**45)Just One More Episode**

#include <stdio.h>

int main(void) {

int t, x;

scanf("%d",&t);

while(t--)

{

scanf("%d",&x);

if(x>24)

puts("yes") ;

else

puts("no") ;

}

return 0;

}

**46)Mana Points**

#include <stdio.h>

int main(void) {

int n,a,b;

scanf("%d",&n);

while(n>0){

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

printf("%d\n",(b/a));

n--;

}

return 0;

}

**47)Rain in Chefland**

#include <stdio.h>

int main(void) {

int i, T, X;

scanf("%d",&T);

for(i=1;i<=T;i++)

{

scanf("%d",&X);

if(X<3)

{ printf("LIGHT\n");}

else if((X>=3)&&(X<7))

{ printf("MODERATE\n");}

else if(X>=7)

{ printf("HEAVY\n");}

}

return 0;

}

**48)Bidding**

#include <stdio.h>

int main(void) {

int t;

scanf("%d", &t);

while(t!=0)

{

int a,b,c;

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

if(a>b && a>c)

{

printf("alice \n");

}

else if(b>a && b>c)

{

printf("bob \n");

}

else

printf("charlie \n");

t--;

}return 0;

}

**49)Overspeeding Fine**

#include <stdio.h>

int main(void)

{

int t;

scanf("%d", &t);

while(t--)

{

int x;

scanf("%d", &x);

if(x <= 70)

printf("0\n");

else if(x > 70 && x <= 100)

printf("500\n");

else if(x > 100)

printf("2000\n");

}return 0;}

**50)Chess Time**

#include <stdio.h>

int main(void) {

int t;

scanf("%d", &t);

while(t!=0)

{

int n;

scanf("%d", &n);

printf("%d \n",((n\*60)/20));

t--;

}

// your code goes here

return 0;

}