```c
/*****************************************

                              Online
                  Code, Compile, Run
Write your code in this editor and

****************************************
#include <stdio.h>

int main()
{
int a=10,b=20,h=30;
int Area,x;
x=a+b;
Area=0.5*x*h;
  printf("Area of Trapezium is %d",

    return 0;
}
```

Question-12

```c
#include <stdio.h>

int main()
{
float r=5;
float v;
v=1.33*3.14*r*r*r;
printf("Volume of sphere is %f",v

    return 0;
}
```

Question-13

input

```
Volume of sphere is 522.025024

...Program finished with exit code
 0

Press ENTER to exit console.
```

```c
/***************************************

                    Code, Compi...
    Write your code in this edi...

    *****************************

#include <stdio.h>

int main()
{
int x=20,y=30;
int sum;
sum=x+y;
printf("sum is %d",sum);


        return 0;
}
```
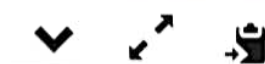
Question-15

input

```
sum is 50


...Program finished with exit code
 0
Press ENTER to exit console.
```

```c
/* Q.16 */
#include <stdio.h>
int main()
{
int a=4,b=2,sum,sub,mul,div,rem
sum=a+b;
sub=a-b;
mul=a*b;
div=a/b;
rem=a%b;
printf("sum=%d\n",sum);
printf("sub=%d\n",sub);
printf("mul=%d\n",mul);
printf("div=%d\n",div);
printf("rem=%d\n",rem);
return 0;
```

input

```
sum=6
sub=2
mul=8
div=2
rem=0
```

Question-16

```
...Program finished with exit code
0
Press ENTER to exit console.
Press ENTER to exit console.█
```

```c
#include <stdio.h>

int main()
{
int l=17,b=5;
int p;
p=2*(l+b);
printf("Parameter of Rectangle is

    return 0;
}
```

Question-17

```
Parameter of Rectangle is 44

...Program finished with exit code
 0
Press ENTER to exit console.
```

```c
#include <stdio.h>

int main()
{
int l=17,b=5;
int Area;
Area=(l*b);
printf("Area of Rectangle is %d",A

    return 0;
}
```

Question-18

input

Area of Rectangle is 85

...Program finished with exit code
 0
Press ENTER to exit console.

```c
/**************************************
                                Online
              Code, Compile, Run
Write your code in this editor and

***************************************

#include <stdio.h>

int main()
{
float r=5.2;
float D,C,A;
D=2.0*r;
C=2.0*3.14*r;
A=3.14*r*r;
printf("Diameter of circle is %f\n
printf("Circumference of circle is
printf("Area of circle is %f\n",A)

    return 0;
}
```

Question-19

```
Diameter of circle is 10.400000
Circumference of circle is 10.4000
00
,CArea of circle is 84.905594


...Program finished with exit code
 0
```

```
/***********************************

              |   |   |   |   |   |              Onlin
                            Code, Compile, Ru
  Write your code in this editor an

  ***********************************
  #include <stdio.h>

  int main()
  {
  int cm=2000;
  int m;
  float km;|
  m=cm/100;
  km=cm/100000.0;
  printf("Result in m=%d",m);
  printf("Result in km=%f",km);

      return 0;
  }
```

Question-20

```
Result in m=20Result in km=0.02000
0

...Program finished with exit code
 0
Press ENTER to exit console.
```

```c
#include <stdio.h>

int main()
{
int C=5;
int F;
F=9/5*C+32;
printf("Temperature in Fahrenheit=%d"

    return 0;
}
```

Question-21

input

```
Temperature in Fahrenheit=37


...Program finished with exit code 0
Press ENTER to exit console.
```

****

```c
#include <stdio.h>

int main()
{
int F=50;
int C;
C=(F-32)*5/9;
printf("Temperature in Celsius =%d",C

    return 0;
}
```

Question-22

input

```
Temperature in Celsius =10


...Program finished with exit code 0
Press ENTER to exit console.
```

Write your code in this editor and pr

****

```c
#include <stdio.h>

int main()
{
int nodays=405;
int years,weeks,days;
years=nodays/365;
weeks=(nodays%365)/7;
days=(nodays%365)%7;
printf("years=%d,weeks=%d,days=%d",yea

    return 0;
}
```
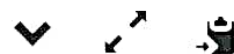
Question-23

input

```
years=1,weeks=5,days=5


...Program finished with exit code 0
Press ENTER to exit console.
```

```c
#include<math.h>
#include <stdio.h>
int main()
{
int x=4;
int y=3,z;
z=pow(x,y);
printf("z=%d",z);

    return 0;
}
```

Question-24

input

```
z=64


...Program finished with exit code 0
Press ENTER to exit console.
```

****

```c
#include<math.h>
#include <stdio.h>
int main()
{
int x=36;
int y=sqrt(x);
printf("y=%d",y);


    return 0;
}
```

Question-25

input

```
y = 6

...Program finished with exit code
 0
Press ENTER to exit console.
```

```c
/* Q.26*/

#include <stdio.h>
int main()
{
int a=40,b=60,c;
c=180-(a+b);
printf("Third angle of Triangle i

return 0;
}
```

Question-26

input

```
Third angle of Triangle is 80

...Program finished with exit code
 0
Press ENTER to exit console.
```

```c
/* Q.27*/

#include <stdio.h>
int main()
{
int base=8,height=11;
int area;
area=(base*height)/2;
printf("Area of Triangle=%d",area)

    return 0;
}
```

Question-27

input

Area of Triangle=44

...Program finished with exit code
0
Press ENTER to exit console.

```c
/* Q.28*/
#include <math.h>
#include <stdio.h>
int main()
{
float a=10;
float area;
area=(sqrt(3)/4)*pow(a,2);
printf("Area of Equilateral Triang

    return 0;
}
```

Question-28

```
Area of Equilateral Triangle=43.30
1270


...Program finished with exit code
 0
Press ENTER to exit console.
```

```c
/* Q.29*/
#include <stdio.h>
int main()
{
int y=500,tot,avg,per;
int p=80,c=80,m=80,e=70,h=70;
tot=p+c+m+e+h;
avg=tot/5;
per=(tot*100)/y;
printf("tot=%d,avg=%d,per=%d",tot,
return 0;
}
```

Question-29

input

```
tot=380,avg=76,per=76

...Program finished with exit code
 0
Press ENTER to exit console.
```

```c
/*********************************
                        Online
            Code, Compile, Run
Write your code in this editor and

 *********************************

#include <math.h>
#include <stdio.h>
int main()
{
float P,R,T,SI;
printf("Enter values of P,R,T\n");
scanf("%f%f%f",&P,&R,&T);
SI=P*R*T/100;
printf("SI is %f",SI);

    return 0;
}
```

Question-30

```
Enter values of P,R,T
500 2 2
SI is 20.000000

...Program finished with exit code 0
Press ENTER to exit console.
```

```c
/*********************************
 *
 *                    Onli
 *          Code, Compile, R
 *   Write your code in this editor a
 *
 *   *****************************
 *
 #include <math.h>
 #include <stdio.h>
 int main()
 {
 float P,R,T,A,x;
 float CI;
 printf("Enter values of P,R,T\n"
 scanf("%f%f%f",&P,&R,&T);
 x=1+R/100;
 A=P*pow(x,T);
 CI=A-P;
 printf("CI is %f",CI);

     return 0;
 }
```

Question-31

input

```
Enter values of P,R,T
500 10  2
CI is  105.000000

...Program finished with exit code 0
Press ENTER to exit console.
```

```c
/* Q.32*/
#include <stdio.h>
int main()
{
printf("Hello\nWorld\n");
printf("Hello\tWorld\n");
printf("Hello\bWorld\n");
printf("Hello\rWorld\n");
printf("Hello\aWorld\n");
printf("Hello\'World\n");
printf("Hello\"World\n");
printf("Hello\?World\n");
printf("Hello\\World\n");
printf("Hello\fWorld\n");
printf("Hello\vWorld\n");
printf("Hello\nnnWorld\n");

    return 0;
}
```

Question-32

input

```
Hello
World
Hello   World
HellWorld
World
HelloWorld
Hello'World
```

```c
/* Q.33*/
#include <stdio.h>
int main()
{
long long int mob=9425894350;
printf("mob=%lld",mob);
return 0;
}
```

Question-33

input

mob=9425894350

...Program finished with exit code
 0
Press ENTER to exit console.