**Question\_1**

#include<stdio.h>

#include<conio.h>

int main()

{

int i,s,n;

printf("Enter the number:-");

scanf("%d",&n);

s=0;

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

{

s=s+i;

}

printf("%d",s);

getch();

return 0;

}

**Question\_2**

#include<stdio.h>

#include<conio.h>

int main()

{

int i,n,s;

printf("Enter the number:-");

scanf("%d",&n);

s=0;

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

{

s=(s+i);

}

printf("%d",2\*s);

getch();

return 0;

}

**Question\_3**

#include<stdio.h>

#include<conio.h>

int main()

{

int i,n,s,a;

printf("Enter the number:-");

scanf("%d",&n);

s=0;

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

{

a=2\*i-1;

s=s+a;

}

printf("%d",s);

getch();

return 0;

}

**Question\_4**

#include<stdio.h>

#include<conio.h>

int main()

{

int i,n,s,a;

printf("Enter the number:-");

scanf("%d",&n);

s=0;

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

{

a=i\*i;

s=s+a;

}

printf("%d",s);

getch();

return 0;

}

**Question\_5**

#include<stdio.h>

#include<conio.h>

int main()

{

int i,a,n,s;

printf("Enter the number:-");

scanf("%d",&n);

s=0;

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

{

a=i\*i\*i;

s=s+a;

}

printf("%d",s);

getch();

return 0;

}

**Question\_6**

#include<stdio.h>

#include<conio.h>

int main()

{

int i,n,s;

printf("Enter the number:-");

scanf("%d",&n);

s=1;

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

{

s=s\*i;

}

printf("The factorial of %d is %d",n,s);

getch();

return 0;

}

**Question\_7**

#include<stdio.h>

#include<conio.h>

int main()

{

int a,b,c;

printf("Enter the number:-");

scanf("%d",&a);

c=1;

b=0;

while(c>0)

{

c=a/10;

b++;

a=a/10;

}

printf("%d",b);

getch();

return 0;

}

**Question\_8**

#include<stdio.h>

#include<conio.h>

int main()

{

int a,b,c;

printf("Enter your number:-");

scanf("%d",&a);

b=0;

for(c=1;c<=a;c++)

{

if(a%c==0)

{ b++;

}

}

if(b==2)

{

printf("Entered number is prime");

}

else

printf("Entered number is non prime");

getch();

return 0;

}

**Question\_9**

#include<stdio.h>

#include<conio.h>

int main()

{

int a,b;

printf("Enter your first number:-");

scanf("%d",&a);

printf("Enter your second number:-");

scanf("%d",&b);

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

{

if(a>b)

{

printf("The lcm is :-%d",a);

}

if(b>a)

{

printf("The lcm is :-d",b);

}

}

else

printf("The lcm is %d",a\*b);

getch();

return 0;

}

**Question\_10**

#include<stdio.h>

#include<conio.h>

int main()

{

int a,b,c;

printf("Enter your number:-");

scanf("%d",&a);

for(b=1;a>0;b++)

{

c=a%10;

a=a/10;

printf("%d",c);

}

getch();

return 0;

}