Q1:-

```c
#include<stdio.h>

int main()
{
        int i,n,s=0;
        printf("Enter a number:\n");
        scanf("%d",&n);
        for(i=1;i<=n;i++)
        s=s+i;
        printf("sum is :- %d",s);
        return 0;
}
```

Q2:-

```c
#include<stdio.h>
int main()
{
        int i,n,s=0;
        printf("Enter a number:\n");
        scanf("%d",&n);
        for(i=1;i<=n;i++)
        s=s+i*2;
        printf("sum is :- %d",s);
        return 0;
}
```

Q3:-

```c
#include<stdio.h>
int main()
{
        int i,n,s=0;
        printf("Enter a number:\n");
        scanf("%d",&n);
        for(i=1;i<=n;i++)
        s=s+(i*2-1);
        printf("sum is :- %d",s);
        return 0;
}
```

Q4:-

```c
#include<stdio.h>
int main()
{
        int i,n,s=0;
        printf("Enter a number:\n");
        scanf("%d",&n);
        for(i=1;i<=n;i++)
        s=s+i*i;
        printf("sum is :- %d",s);
        return 0;
}
```

Q5:-

```c
#include<stdio.h>
int main()
{
        int i,n,s=0;
        printf("Enter a number:\n");
        scanf("%d",&n);
        for(i=1;i<=n;i++)
        s=s+i*i*i;
        printf("sum is :- %d",s);
        return 0;
}
```

Q6:-

```c
#include<stdio.h>
int main()
{
        int i,n,fact;
        printf("Enter a number:\n");
        scanf("%d",&n);
        for(i=1;i<=n;i++)
        fact=fact*i;
        printf("The factorial of %d is %d",n,fact);
        return 0;
}
```

Q7:-

```c
#include<stdio.h>
int main()
{
        int i,n;
        printf("Enter a number:\n");
        scanf("%d",&n);
        for(i=0;n!=0;i++)
        n=n/10;
        printf("the count digit is %d",i);
        return 0;
}
```

Q8:-

```c
#include<stdio.h>
int main()
{
        int i,n;
        printf("Enter a number:\n");
        scanf("%d",&n);
        for(i=2;i<=n-1;i++)
        if(n%i==0)
        break;
        if(i==n)
        printf("Prime");
```

```c
        else
        printf("Not a prime");
        return 0;
}
```

Q9:-

```c
#include<stdio.h>
int main()
{
        int L,a,b;
        printf("Enter a two numbers:\n");
        scanf("%d %d",&a,&b);
        for(L=1;L<=a*b;L++)
        {
                if(L%a==0&&L%b==0)
                break;
        }
        printf("LCM is %d",L);
        return 0;
}
```

Q10:-

```c
#include<stdio.h>
int main()
{
```

```c
    int i,n,rev=0,rem;
    printf("Enter a number:\n");
    scanf("%d",&n);
    for(i=0;n!=0;i++)
    {
    rem=n%10;
    rev=rev*10+rem;
    n=n/10;
}
    printf("The reverse number is %d",rev);
    return 0;
}
```