

```
1 #include<stdio.h>
2 int main()
3 {
4     char str[100];
5     int i,v=0;
6     printf("enter the string\n");
7     scanf("%s",&str);
8     for(i=0;str[i];i++)
9     {
10         if(str[i]=='a' || str[i]=='e' || str[i]=='i' || str[i]=='o' || str[i]=='u' || str[i]=='A' || str[i]=='E' || str[i]=='I' || str[i]=='O' || str[i]=='U')
11         {
12             v++;
13         }
14     }
15     printf("total number of vowels=%d\n",v);
16     return 0;
17 }
```

aishu

I

enter the string
total number of vowels=3

```
1 #include<stdio.h>
2 int main()
3 {
4     int i,num;
5     printf("enter a number:\n");
6     scanf("%d",&num);
7     for(i=1;i<=10;i++)
8     {
9         printf("%d * %d = %d\n",num,i,num*i);
10    }
11    return 0;
12 }
13 }
```

5

enter a number:

5 * 1 = 5
5 * 2 = 10
5 * 3 = 15
5 * 4 = 20
5 * 5 = 25
5 * 6 = 30
5 * 7 = 35
5 * 8 = 40
5 * 9 = 45
5 * 10 = 50

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IN 5/4/2023

Run

Save

```
1 #include<stdio.h>
2 int main(){
3 int num;
4 scanf("%d",&num);
5 int i;
6 for(i=0;i<=num;i++){
7     printf("%d",i);
8 }
9 return 0;
10 }
```



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SIMATS
ENGINEERING

```
1 #include<stdio.h>
2 int main(){
3     int esum=0,osum=0;
4     int num;
5     printf("enter num:");
6     scanf("%d",&num);
7     for(int i=0;i<=num;i++){
8         if(i%2==0){
9             esum+=i;
10            printf("\n%d",i);
11        }
12        else{
13            osum+=i;
14            printf("\nthe odd nos are %d",i);
15        }
16    }
17    printf("the sum of even nos is %d",esum);
18    printf("\nsum of odd is %d",osum);
19
20    return 0;
21 }
```



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Run

Save

```
1 #include<stdio.h>
2 int main(){
3     int sum=0;
4     int num;
5     printf("enter num:");
6     scanf("%d",&num);
7     int i;
8     for(i=0;i<=num;i++){
9         sum+=i;
10    }
11    printf("the sum is %d",sum);
12    return 0;
13 }
```



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Run

Save

```
1 #include<stdio.h>
2 int main{
3     int num;
4     int fact=1;
5     printf("enter number:");
6     scanf("%d",&num);
7     for(i=1;i<=num;i++){
8         fact+=i;
9     }
10    printf("the factorial of the number is %d",fact);
11    return 0;
12 }
```



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```
1 #include<stdio.h>
2 int main(){
3     int i=1,num,sum=0;
4     printf("enter a number\n");
5     scanf("%d",&num);
6     while(i<num)
7     {
8         if (num%i==0)
9             sum=sum+i;
10        i++;
11    }
12    if(sum==num)
13        printf("%d is a perfect number",num);
14    else
15        printf("%d is not a perfect number",num);
16    return 0;    ]
17
18 }
```


Run

Save

```
1 #include<stdio.h>
2 int main()
3 {
4     int i,num;
5     printf("enter a number:\n");
6     scanf("%d",&num);
7     for(i=1;i<=10;i++){
8         printf("%d * %d = %d\n",num,i,num*i);
9     }
10    return 0;
11 }
```



```
#include<stdio.h>
int main(){
    int num;
    printf("enter the number:\n");
    scanf("%d",&num);
    int i;
    for(i=1;i<=num;i++){
        printf("  %d",i);
    }
    return 0;
}
```

5

enter the number:

0 1 2 3 4 5

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