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5 C#, VB, Perl, Swift, Prolog, Javascript, Pascal, HTML, CSS, JS

6 Code, Compile, Run and Debug online from anywhere in world.

7

8 *****/

9 #include <stdio.h>

10 int main()

11 {

12 int n, rev = 0, rem, num;

13 int count = 0;;

14 printf("Enter an integer\n");

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

16 while (n != 0)

17 {

18 rem = n % 10;

19 rev = rev * 10 + rem;

20 n /= 10;

21 }

22

23 printf("Enter a number \n ");

24 scanf("%d", &num);

25

26

27

Run

Debug

Stop

Share

Save

{ } Beautify

Language C

input

45678

Enter a number

45678

Total no of digits= 5

Reversed number is = 87654

...Program finished with exit code 0

Press ENTER to exit console.

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6 Code, Compile, Run and Debug online from anywhere in world.
7
8 *****/
9 #include<stdio.h>
10 int main()
11 {
12 int n,d,sum=0;
13 printf("Enter a number\n");
14 scanf("%d",&n);
15 while(n>0)
16 {
17 d=n%10;
18 sum+=d;
19 n=n/10;
20 }
21 printf("the sum of digits is %d\n",sum);
22
23 if(sum>10)
24 {
25     d=sum%10;
26     sum/=10;
27     sum+=d;
```

input

Enter a number
15678
the sum of digits is 27
(Single digit sum is 9)
...Program finished with exit code 0
Press ENTER to exit console.

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6 Code, Compile, Run and Debug online from anywhere in world.
7
8 *****/
9 #include <stdio.h>
10 int main()
11 {
12 int n, t, sum = 0, rem;
13
14 printf("Enter an integer\n");
15 scanf("%d", &n);
16
17 t = n;
18
19 while (t != 0)
20 {
21 rem = t % 10;
22 sum = sum + (rem+1);
23 t = t / 10;
24 }
25
26
27 printf("Sum of digits of %d = %d\n", n, sum);
28
29 return 0;
30 }
31

input
Enter an integer
3456
Sum of digits of 3456 = 22
...Program finished with exit code 0
Press ENTER to exit console.

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Language C

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main.c

```
1  /
2  *****/
3  #include <stdio.h>
4
5  int main ()
6  {
7      int arr[20];
8      int i = 0, j, rem, num;
9      printf ("Enter a number \n");
10     scanf ("%d", &num);
11     while (num != 0)
12     {
13         rem = num % 10;
14         arr[i] = rem;
15         i++;
16         num = num / 10;
17     }
18     printf ("The digits are\t");
19     for (j = i - 1; j >= 0; j--)
20     {
21         if(arr[j]!=0)
22             printf ("%d,", arr[j]);
23     }
24     return 0;
25 }
```

input

Enter a number
8245
The digits are 8,2,4,5,
...Program finished with exit code 0
Press ENTER to exit console.

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main.c

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6 Code, Compile, Run and Debug online from anywhere in world.
7
8 *****/
9 #include<stdio.h>
10 int main()
11 {
12     int code,acode,n,i;
13     i=1;
14     printf("enter the PIN CODE\n");
15     scanf("%d",&code);
16     acode=0;
17     while(code>0)
18     {
19         n=code%10;
20         code=code/10;
21         if(n==9)
22             acode=acode+0;
23         else
24             acode=acode+(n+1)*i;
25         i=i*10;
26     }
27     printf("actual PIN CODE is %d",acode);
```

input

enter the PIN CODE

4184

actual PIN CODE is 5295

...Program finished with exit code 0

Press ENTER to exit console.

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6  Code, Compile, Run and Debug online from anywhere in world.
7
8  *****/
9  #include<stdio.h>
10 int main()
11 {
12     int code,acode,n,i;
13     i=1;
14     printf("enter the ATM PIN CODE\n");
15     scanf("%d",&code);
16     acode=0;
17     while(code>0)
18     {
19         n=code%10;
20         code=code/10;
21         if(n==9)
22             acode=acode+0;
23         else
24             acode=acode+(n+1)*i;
25         i=i*10;
26     }
27     printf("actual ATM | PIN CODE is %d",acode);
```

input

enter the ATM PIN CODE

2995

actual ATM PIN CODE is 3006

...Program finished with exit code 0

Press ENTER to exit console.