

### Question 1

The program must accept a positive integer N and print the digit in the tenth position.

#### Input Format:

The first line denotes the value of N.

#### Output Format:

The first line contains the value of N.

#### Boundary Conditions:

$10 \leq N \leq 9999999$

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**Answer:** (penalty regime: 0 %)

```
#include<stdio.h>
int main()
{int a,b;
scanf ("%d",&a);
b=a/10;
b=b%10;
printf ("%d",b);
return 0;
}
```

	Input	Expected	Got	
✓	20	2	2	✓
✓	37843	4	4	✓

Passed all tests! ✓

Write a C Program to calculates the area (floating point number with two decimal places) of a Circle given it's radius (integer value). The value of Pi is 3.14.

```
#include<stdio.h>
int main()
{float r,area;
scanf("%f",&r);
area=3.14*(r*r);

printf("Area of a circle = %.2f",area);
return 0;
}
```

	Input	Expected	Got	
✓	7	Area of a circle = 153.86	Area of a circle = 153.86	✓
✓	50	Area of a circle = 7850.00	Area of a circle = 7850.00	✓

Passed all tests! ✓

Develop a 'C' program to [swap](#) two numbers (using three variables).

```
#include<stdio.h>
int main()
{int a,b,temp;
scanf("%d %d",&a,&b);
printf("Before swapping : \na = %d b = %d",a,b);
temp = a;
a=b;
b=temp;
printf("\nAfter swapping : \na = %d b = %d",a,b);
return 0;
}
```

	Input	Expected	Got	
✓	10 20	Before swapping : a = 10 b = 20 After swapping : a = 20 b = 10	Before swapping : a = 10 b = 20 After swapping : a = 20 b = 10	✓

Passed all tests! ✓

Write a program to print the [ASCII value](#) of the given character.

Input

A

Output

The [ASCII value](#) of the given character A is : 65

```
#include<stdio.h>
int main()
{char a;
scanf("%c",&a);
printf("The ASCII value of the given character A is : %d",a);
return 0;
}
```

	Input	Expected	Got	
✓	A	The ASCII value of the given character A is : 65	The ASCII value of the given character A is : 65	✓

Passed all tests! ✓