

Week1:

Assessment-01-Overview of C, Constants, Variables and Data Types

Digit in Tenth Position

✓ Done

Calculate the Area

✓ Done

Swap

✓ Done

ASCII Value

✓ Done

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Digit in Tenth Position

✓ Done

Attempts allowed: 1

Time limit: 30 mins

Your attempts

Attempt 1	
Status	Finished
Started	Monday, 23 December 2024, 5:33 PM
Completed	Tuesday, 22 October 2024, 9:27 AM
Duration	62 days 8 hours

[Review](#)

Rain Sunday

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ENG IN 15:16 15-01-2025

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Question 1
Correct
Marked out of 1.00
☐ Flag question

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:
 $10 \leq N \leq 9999999$

Example Input/Output 1:
Input:
20
Output:
2

Example Input/Output 2:
Input:
37843
Output:
4

Answer: (penalty regime: 0 %)

```
#include<stdio.h>
int main()
{
    int a,t;
    scanf("%d",&a);
    t=a%100;
    t=t/10;
    printf("%d",t);
    return 0;
}
```

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

Passed all tests! ✓

Save the state of the flags

Finish review

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Question 1
Correct
Marked out of 1.00
☐ Flag question

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.

Sample Test Cases

Test Case 1

Input
7

Output
Area of a circle = 153.86

Test Case 2

Input
50

Output
Area of a circle = 7850.00

Test Case 3

Input
42

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For example:

Input	Result
7	Area of a circle = 153.86
50	Area of a circle = 7850.00

Answer: (penalty regime: 0 %)

```
#include<stdio.h>
int main()
{
    int r;
    float area;
    scanf("%d\n",&r);
    area=3.14*r*r;
    printf("Area of a circle = %.2f",area);
    return 0;
}
```

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	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! ✓

[Save the state of the flags](#)

[Finish review](#)



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Question **1**
Correct
Marked out of 1.00
☐ Flag question

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

Input

10 20

Output

Before swapping :

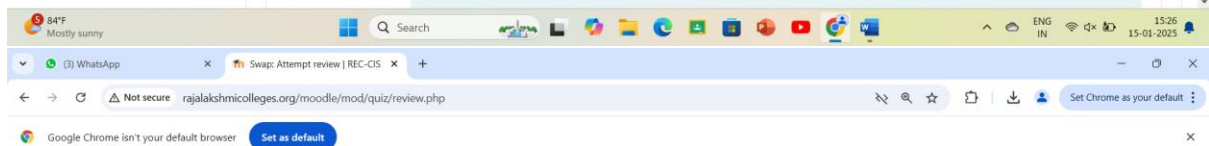
a = 10 b = 20

After swapping :

a = 20 b = 10

For example:

Input	Result
10 20	Before swapping : a = 10 b = 20 After swapping : a = 20 b = 10



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Answer: (penalty regime: 0 %)

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



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Swap: Attempt review | REC-CIS

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	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! ✓

Save the state of the flags

Finish review

84°F Mostly sunny

Search

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ASCII Value: Attempt review | REC-CIS

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Quiz navigation

1

Finish review

Status Finished

Started Monday, 23 December 2024, 5:33 PM

Completed Tuesday, 22 October 2024, 9:41 AM

Duration 62 days 7 hours

Question 1

Correct

Marked out of 1.00

Flag question

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

For example:

Input	Result
A	The ASCII value of the given character A is : 65

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Answer: (penalty regime: 0 %)

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

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

Passed all tests! ✓

Save the state of the flags

Finish review