Untitled 1

**Assignment: 2 Operators in C Language**

**C, C++ and DSA in depth with Job Assistance in Hindi**

1. Write a program to print unit digit of a given number

#include<stdio.h>

int main()

{

int u,n = 234;

u = n%10;

printf("The unit digit of %d is %d",n,u);

return 0;

}

1. Write a program to print a given number without its last digit.

#include<stdio.h>

int main()

{

int u,n = 23415;

u = n/10;

printf("The number %d without last digit is %d",n,u);

return 0;

}

1. Write a program to swap values of two int variables

#include<stdio.h>

int main()

{

int x,y;

printf("Enter two numbers\n");

scanf("%d%d",&x,&y);

printf("The value of x is %d and the value of y is %d\n\n",x,y);

int z = x;

x = y;

y = z;

printf("After swapping, the value of x is %d and the value of y is %d",x,y);

return 0;

}

1. Write a program to swap values of two int variables without using a third variable.

#include<stdio.h>

int main()

{

int x,y;

printf("Enter two numbers\n");

scanf("%d%d",&x,&y);

printf("The value of x is %d and the value of y is %d\n\n",x,y);

x = x+y;

y = x-y;

x = x-y;

printf("After swapping, the value of x is %d and the value of y is %d",x,y);

return 0;

}

1. Write a program to input a three digit number and display the sum of the digits.

#include<stdio.h>

int main()

{

int num,q,f,m,l,sum;

printf("Enter three digit number");

scanf("%d",&num);

l = num%10;

q = num/10;

m = q%10;

f = q/10;

printf("First digit = %d\nSecond digit = %d\nThird digit = %d\n",f,m,l);

sum = f+m+l;

printf("The sum of three digits is %d",sum);

return 0;

}

1. Write a program which takes a character as an input and displays its ASCII code.

#include<stdio.h>

int main()

{

char x;

printf("Enter a character");

scanf("%c",&x);

printf("The ASCII value of character %c is %d",x,x);

return 0;

}

7. Write a program to check whether the given number is even or odd using a bitwise

operator.

#include<stdio.h>

int main()

{int x = 22;

(x&1)? printf("Odd"):printf("Even");

return 0;

}

8. Write a program to print size of an int, a float, a char and a double type variable

#include<stdio.h>

int main()

{

printf("Size of Int is %d\n",sizeof(int));

printf("Size of Float is %d\n",sizeof(float));

printf("Size of Char is %d\n",sizeof(char));

printf("Size of Double is %d\n",sizeof(double));

return 0;

}

9. Write a program to make the last digit of a number stored in a variable as zero.

(Example - if x=2345 then make it x=2340)

#include<stdio.h>

int main()

{int x,y;

printf("Enter a number");

scanf("%d",&x);

y = x/10;

printf("The number is %d",y\*10);

return 0;

}

10. Write a program to input a number from the user and also input a digit. Append a

digit in the number and print the resulting number. (Example - number=234 and

digit=9 then the resulting number is 2349)

#include<stdio.h>

int main()

{int num,digit;

printf("Enter a number and a digit");

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

num = (num\*10)+digit;

printf("The resulting number after adding the digit is %d",num);

return 0;

}

11. Assume price of 1 USD is INR 76.23. Write a program to take the amount in INR

and convert it into USD.

#include<stdio.h>

int main()

{

float rupees,dollars;

printf("Enter the amount in rupees");

scanf("%f",&rupees);

dollars= rupees/76.23;

printf("%f rupees is equal to %f Dollars",rupees,dollars);

return 0;

}

12. Write a program to take a three digit number from the user and rotate its digits by

one position towards the right.

#include<stdio.h>

int main()

{

int num,r,q;

printf("Enter three digit number\n");

scanf("%d",&num);

r = num%10;

r= r\*100;

q = num/10;

num = r+q;

printf("The three digit number after rotating its digits by one position to the right is %d\n",num);

return 0;

}

**Facing Issues** 🥲

If you are facing any issues, please reach out to us at adityachaudhary@ineuron.ai

Untitled 2

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