

**Homework Assignment #3**

**Group#: 5**

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**Homework Assignment**

1. Write a C program to check whether a number entered by user is even or odd.

#include <stdio.h>

/\*This program asks the user to enter an integer number ,and the program will determine the number is even or odd \*/

int main()

{

int x;

printf("Enter integer number: ");

scanf("%d",&x);

if (x%2==0)

printf("The number is even");

else

printf("The number is odd");

return 0;

}

2. Write a program that will ask a user to enter 2 numbers. Determine if the first number is greater than, less than, or equal to the second number.

#include <stdio.h>

/\*This program tells the user to enter two numbers ,and the program will determine if

the first number is greater than, less than, or equal to the second number\*/

int main()

{

int num1,num2;

printf("Enter two numbers\n");

scanf("%d%d",&num1,&num2);

if (num1==num2)

printf("%d is equal to %d",num1,num2);

else if (num1>num2)

printf("%d is greater than %d",num1,num2);

else if (num1<num2)

printf("%d is less than %d",num1,num2);

return 0;

}

3.Write a program that takes character input and determines the character is vowel or not.

#include <stdio.h>

/\* This program tells the user to enter one character ,and the program will determine the character is vowel or not \*/

int main()

{

char v; /\* v: vowel \*/

printf("Enter one character\n");

scanf("%c",&v);

if (v=='a'||v=='e'||v=='i'||v=='o'||v=='u') /\* vowel: a,e,i,o,u \*/

printf("The character is vowel");

else

printf("The character is not vowel");

return 0;

}