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

#include<stdio.h>

int main()

{

int a;

printf("Enter a number");

scanf("%d",&a);

printf("Unit digit of a number is %d",a%10);

return 0;

}

\*/

/\*2. Write a program to print a given number without its last digit.

#include<stdio.h>

int main()

{

int n;

printf("Enter a number: ");

scanf("%d",&n);

printf("\nNumber without its last digit is %d",n/10);

return 0;

}

\*/

/\*3. Write a program to swap values of two int variables

#include<stdio.h>

int main()

{

int a,b,temp;

printf("Enter two numbers: ");

scanf("%d%d",&a,&b);

printf("\na = %d and b = %d",a,b);

temp=a;

a=b;

b=temp;

printf("\na = %d and b = %d",a,b);

return 0;

}

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

#include<stdio.h>

int main()

{

int a,b;

printf("Enter two numbers: ");

scanf("%d%d",&a,&b);

printf("\na = %d and b = %d",a,b);

a=a+b;

b=a-b;

a=a-b;

printf("\na = %d and b = %d",a,b);

return 0;

}

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

#include<stdio.h>

int main()

{

int n,a,b,c,d,e;

printf("Enter a three digit number: ");

scanf("%d",&n);

a=n%10;

b=n/10;

c=b%10;

d=b/10;

e=d%10;

printf("\nSum of digits of given number is %d",a+c+e);

return 0;

}

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

#include<stdio.h>

int main()

{

char m;

printf("Enter a character: ");

scanf("%c",&m);

printf("\nASCII code is %d",m);

return 0;

}

7. Write a program to find the position of first 1 in LSB.

#include<stdio.h>

int main()

{

int x,y,count=0;

printf("Enter a number: ");

scanf("%d",&x);

while(x!=0)

{

y=x&1;

count++;

if(y==1)

{

printf("Count is %d",count);

break;

}

x=x>>1;

}

return 0;

}

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

operator

#include<stdio.h>

int main()

{

int n,i;

printf("Enter a number: ");

scanf("%d",&n);

i=n&1;

if(i==1)

printf("\nOdd");

else

printf("\nEven");

return 0;

}

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

#include<stdio.h>

int main()

{

int n=sizeof(float);

printf("size of float is %d",n);

return 0;

}

10. 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 a,b;

printf("Enter a number: ");

scanf("%d",&a);

b=a%10;

printf("\nResult is %d",a-b);

return 0;

}

11. 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 a,b;

printf("Enter a number: ");

scanf("%d",&a);

printf("\nEnter a number to insert after unit digit: ");

scanf("%d",&b);

printf("\nResult is %d",a\*10+b);

return 0;

}