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

main()

{

int a,b,c,d;

a=sizeof(int);

b=sizeof(float);

c=sizeof(char);

d=sizeof(double);

printf("%d %d %d %d",a,b,c,d);

return 0;

}

2. Write a program to find last digit of a given number.

main()

{

int x,a;

printf("enter a number");

scanf("%d",&x);

a=x%10;

printf("%d",a);

return 0;

}

3. Write a program to find first digit of a given three digit number

main()

{

int x,a,b;

printf("enter a number");

scanf("%d",&x);

a=x%100;

b=(x-a)/100;

printf("%d",b);

return 0;

}

4. Write a program to find middle digit of a given three digit number.

main()

{

int x,a,b,c;

printf("enter a number");

scanf("%d",&x);

a=x%10;

b=(x-a)/10;

c=b%10;

printf("%d",c);

return 0;

}

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

main()

{

int a,b,c;

printf("enter two number");

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

c=a;

a=b;

b=c;

printf("%d %d",a,b);

return 0;

}

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

main()

{

int a,b;

printf("enter two number");

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

a=b-a;

b=b-a;

a=a+b;

printf("%d %d",a,b);

return 0;

}

7. 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)

main()

{

int x,a,b;

printf("enter a number");

scanf("%d",&x);

a=x%10;

b=x-a;

printf("%d",b);

return 0;

}

8. 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)

main()

{

int x,y,a,b;

printf("enter a number");

scanf("%d",&x);

printf("enter a digit");

scanf("%d",&y);

a=x\*10;

b=a+y;

printf("%d",b);

return 0;

}

9. 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>

#include<conio.h>

int main()

{

    double INR,USD;

    printf("enter ammount in rupees:");

    scanf("%lf",&INR);

    // printf("enter a digit:");

    // scanf("%d",&j);

    USD=INR/79.82;

    printf("USD price %lf",USD);

    return 0;

}

10. 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>

#include<conio.h>

int main()

{

int a,b;

printf("Enter a number : ");

scanf("%d",&a);

int x,y;

x = a % 10;

y = a / 10;

b = x \* 100 + y;

printf("%d",b);

return 0;

}