1. //program to print size of an int, char, float, double type of variable

#include<stdio.h>

#include<conio.h>

int main()

{

int integer;

float real;

char character;

double big\_real;

printf("size of int variable is %d\nsize of char variable is %d\nsize of float variable is %d\nsize of double variable is %d\n",sizeof(integer),sizeof(character),sizeof(real),sizeof(big\_real));

return 0;

getch();

}

1. //program to find last digit of given number

#include<stdio.h>

#include<conio.h>

int main()

{

int number;

printf("please enter a number :\n");

scanf("%d",&number);

printf("last digit of %d is %d.",number,number%10);

return 0;

getch();

}

1. //program to find first digit of a given 3 digit number

#include<stdio.h>

#include<conio.h>

int main()

{

int number;

printf("please enter a 3 digit number :\n");

scanf("%d",&number);

if(number/100>=1&&number/100<=9)

printf("first digit of %d is %d.",number,number/100);

else

printf("invalid input\n");

return 0;

getch();

}

1. //program to find middle digit of given 3 digit number

#include<stdio.h>

#include<conio.h>

int main()

{

int number,quotient;

printf("please enter a 3 digit number :\n");

scanf("%d",&number);

quotient=number%100;

if(number/100>=1&&number/100<=9)

printf("middle digit of %d is %d.",number,quotient/10);

else

printf("invalid input\n");

return 0;

getch();

}

1. // program to swap values of two integers

#include<stdio.h>

#include<conio.h>

int main()

{

int number1,number2,number3;

printf("please enter 2 numbers :\n");

scanf("%d%d",&number1,number2);

number3=number1;

number1=number2;

number2=number3;

printf("entered numbers are %d and %d.",number1,number2);

return 0;

getch();

}

1. //program to swap values of two integers without using the third variable

#include<stdio.h>

#include<conio.h>

int main()

{

int number1,number2;

printf("please enter 2 numbers :\n");

scanf("%d%d",&number1,&number2);

number1=number1+number2;

number2=number1-number2;

number1=number1-number2;

printf("swaped numbers are %d and %d.",number1,number2);

return 0;

getch();

}

1. //program to make the last digit of an entered number zero.

#include<stdio.h>

#include<conio.h>

int main()

{

int number;

printf("please enter a number :\n");

scanf("%d",&number);

number=number/10\*10;

printf("resultant number is %d.",number);

return 0;

getch();

}

1. // program to take a number and a digit from the user and append the digit to the number and print the resulting number

#include<stdio.h>

#include<conio.h>

int main()

{

int number,digit;

printf("please enter a number and a digit :\n");

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

number=number\*10+digit;

printf("resultant number will be %d.",number);

return 0;

getch();

}

1. //program to create a INR to dollar converter

#include<stdio.h>

#include<conio.h>

int main()

{

float rupees,dollar;

printf("please enter INR amount :\n");

scanf("%f",&rupees);

dollar=rupees/76.23;

printf("dollar amount will be %f.",dollar);

return 0;

getch();

}

1. //program to take a 3 digit number and rotate its digit by one position towards right and print the resulting number

#include<stdio.h>

#include<conio.h>

int main()

{

int number;

printf("please enter a 3 digit number :\n");

scanf("%d",&number);

number=number/10+(number%10)\*100;

printf("resultant number will be %d.",number);

return 0;

getch();

}