JOHNSON VICTOR

18/SCI01/045

CSC 206

1. #include <stdio.h>

int main (){

return 0

}

void countFrom100 (){

int count , square;

for(count = 100; count > 0 ; count--){

square = count \*count;

printf("%d\n", square);

}

}

1. #include <stdio.h>

Int main () {

For (k=1;k<=80;k++)

{

 Printf(“%d\n”,k);

If(k>=59)

{

 Break;

}

}

Printf(“loop ended”);

Return 0;

}

1. void checkPrime(){

int n, i, flag = 0;

printf("Enter a positive integer: ");

scanf("%d", &n);

for (i = 2; i <= n / 2; ++i){

if (n % i == 0) {

flag = 1;

break;

}

}

if (n == 1) {

printf("1 is neither prime nor composite.");

}

else {

if (flag == 0)

printf("%d is a prime number.", n);

else

printf("%d is not a prime number.", n);

}

}

 4)

#include <stdio.h>

# include <conio.h>

void main()

{

 int input, i, fact = 1;

 printf("Enter a number :");

 scanf("%d,&input");

 for (i = 1;i <= input;i++)

 fact = fact \* i;

 printf("Factorial of %d is %d", input, fact);

 getch();

1. #include <stdio.h>

int main()

{

 int i=50;

 while (i<101)

 {

 printf("%d\n",i);

 i++;i++;i++;i++;i++;i++;i++;

 }

 return 0;

}

}

void checkAlphabets(){

char c;

int lowercase, uppercase;

printf("Enter an alphabet: ");

scanf("%c", &c);

// evaluates to 1 if variable c is lowercase

lowercase = (c == 'a' || c == 'e' || c == 'i' || c == 'o' || c == 'u');

// evaluates to 1 if variable c is uppercase

uppercase = (c == 'A' || c == 'E' || c == 'I' || c == 'O' || c == 'U');

// evaluates to 1 if c is either lowercase or uppercase

if (lowercase || uppercase)

printf("%c is a vowel.", c);

else

printf("%c is a consonant.", c);

}

void findMultiplication(){

int number , i ,final;

printf("Enter a number to show Multiplication ");

scanf("%d", &number);

for(i = 1 ; i <= 12 ; i++){

final = number \* i

printf(" The Multiplication of %d \* %d = %d"\n, number, i,final);

}

}

9)

void findProduct(){

int i , number;

int final = 1;

for(i = 0 ; i<8 ; i++){

printf("Enter a number that will be multiplied");

scanf("%d", &number);

if(number == 0){

continue;

}else{

final \*= number

}

}

printf("Your final answer is %d" , final);

}

10)

#include<stdio.h>

int main()

{

 int i,a,b,k,pot;

 printf("what is the population ?");

 scanf("%d",&pot);

 printf("what is the annual growth ?");

 scanf("%d",&k);

 printf("how many years ?");

 scanf("%d",&b);

 for (i =1; i <=b ; i++)

 {

 for(a=pot+k;a<=100;a=a+k)

 printf("Year %d : %d\n", i, a);

 }

 return 0;

}