Q.1) check a number is greater than 10 or not ?

#include<stdio.h>

int main(){

int a;

printf("enter tha value of a ");

scanf("%d", &a);

if(a>10){

printf("a is greater than 10 ");

}else{

printf("a is not greater than 10 ");

}

}

--------------------------------------------------------------

Q.2)check a number is greater than 50 or not ?

#include<stdio.h>

int main(){

int a;

printf("enter tha value of a ");

scanf("%d", &a);

if(a>50){

printf("a is greater than 50 ");

}else{

printf("a is not greater than 50 ");

}

}

-------------------------------------------------------------------

Q.3)check a number is less than 100 or not ?

#include<stdio.h>

int main(){

int a;

printf("enter tha value of a ");

scanf("%d", &a);

if(a<100){

printf("a is less than 100 ");

}else{

printf("a is not less than 100 ");

}

}

----------------------------------------------------------

Q.4)check a number is even or odd ?

#include<stdio.h>

int main(){

int a;

printf("enter tha value of a ");

scanf("%d", &a);

if(a%2==0){

printf("a number is even ");

}else{

printf("a is odd number");

}

}

----------------------------------------------------------------

Q.5)check a number is divisible by 5 or not ?

#include<stdio.h>

int main(){

int a;

printf("enter tha value of a ");

scanf("%d", &a);

if(a%5 == 0){

printf("a number is divisible by 5 ");

}else{

printf("a number is not divisible by 5");

}

return 0;

}

---------------------------------------------------------------

// Q.6)check a number is dvisible by 72 or not ?

#include<stdio.h>

int main(){

int a;

printf("enter tha value of a ");

scanf("%d", &a);

if(a%72 == 0){

printf("a number is divisible by 72 ");

}else{

printf("a number is not divisible by 72");

}

return 0;

}

-----------------------------------------------------------------------

Q.7)when user input a then print apple input is not matched

#include<stdio.h>

int main(){

char a;

printf("enter tha value of a ");

scanf("%c",&a );

if(a =='a'){

printf("apple ");

}else{

printf("input not matched ");

}

return 0;

}

-------------------------------------------------------------------

Q.8)when user input b then print ball input is not matched

#include<stdio.h>

int main(){

char b;

printf("enter tha value of b ");

scanf("%c",&b );

if(b =='b'){

printf("ball ");

}else{

printf("input not matched ");

}

return 0;

}

--------------------------------------------------------------

Q.9)user input a character a :two number addition

#include<stdio.h>

int main(){

char a;

printf("enter tha value of a ");

scanf("%c",&a);

if(a=='a'){

int a,b;

printf("enter tha value of a and b ");

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

int c=a+b;

printf("%d",c);

}else{

printf("input not matched ");

}

return 0;

}

-------------------------------------------------------------------

Q.10)user input a character s :two number substraction

#include<stdio.h>

int main(){

char a;

printf("enter tha value of a ");

scanf("%c",&a);

if(a=='a'){

int a,b;

printf("enter tha value of a and b ");

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

int c=a-b;

printf("%d",c);

}else{

printf("input not matched ");

}

return 0;

}

-------------------------------------------------------------------

Q.11)user input a character m :two number multiplication

#include<stdio.h>

int main(){

char a;

printf("enter tha value of a ");

scanf("%c",&a);

if(a=='a'){

int a,b;

printf("enter tha value of a and b ");

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

int c=a\*b;

printf("%d",c);

}else{

printf("input not matched ");

}

return 0;

}

---------------------------------------------------------------------------

Q.12)user input a character d :two number divide

#include<stdio.h>

int main(){

char a;

printf("enter tha value of a ");

scanf("%c",&a);

if(a=='a'){

int a,b;

printf("enter tha value of a and b ");

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

int c=a/b;

printf("%d",c);

}else{

printf("input not matched ");

}

return 0;

}

----------------------------------------------------------------

Q.13)user input a character s :two number swap without third variable

#include<stdio.h>

int main(){

char s;

printf("enter tha value of s");

scanf("%c",&s);

if(s=='s'){

int a=20,b=10;

printf("enter tha value of a is :%d\n",a);

printf("enter tha value of b is :%d\n",b);

a=a+b;

b=a-b;

a=a-b;

printf("tha swap value of is a :%d\n",a);

printf("tha swap value of is b :%d\n",b);

}else{

printf("not");

}

return 0;

}

Q.14)user input a character w :two number swap with third variable

#include<stdio.h>

int main(){

char s;

printf("enter tha value of s");

scanf("%c",&s);

if(s=='s'){

int a=20,b=10,c;

printf("enter tha value of a is :%d\n",a);

printf("enter tha value of b is :%d\n",b);

c=a;

a=b;

b=c;

printf("tha swap value of is a :%d\n",a);

printf("tha swap value of is b :%d\n",b);

}else{

printf("not");

}

return 0;

}

-------------------------------------------------------------------------

// Q.15)input a number and a number is divisible by both 2 and 4

#include<stdio.h>

int main(){

int a;

printf("enter the value of a ");

scanf("%d",&a);

if(a%2==0 && a%4==0){

printf("divisble ");

}

else{

printf("input not matched");

}

return 0;

}

-------------------------------------------------------------------------

// Q.16)input a number and a number is divisible by anyone 2 and 9

#include<stdio.h>

int main(){

int a;

printf("enter tha value of a");

scanf("%d",&a);

if(a%2==0 ||a%9==0){

printf("divisble");

}else{

printf("input not matched");

}

return 0;

}

Q.17

Q.18)check a age is valid for vote or not ?

#include<stdio.h>

int main(){

int a;

printf("enter tha value of a");

scanf("%d",&a);

if(a>18){

printf(" a age is vaid for vote ");

}else{

printf("a age is not vald for vote");

}

return 0;

}

Q. 19)input number 1 :one otherwise not match

#include<stdio.h>

int main(){

int a;

printf("enter the value of a");

scanf("%d",&a);

if( a == 1){

printf("number is match");

}else{

printf("number is not match");

}

return 0;

}

Q.20)input number 4 :four otherwise not match

#include<stdio.h>

int main(){

int a;

printf("enter the value of a");

scanf("%d",&a);

if( a == 4){

printf("number is match");

}else{

printf("number is not match");

}

return 0;

}

Q.21)input a number and check a number is divisible by 2 , 3, 4,6 both

#include<stdio.h>

int main(){

int a;

printf("enter the value of a");

scanf("%d",&a);

if( a%2==0 && a%3==0 && a%4==0 && a%6==0){

printf("number is match");

}else{

printf("number is not match");

}

return 0;

// output 12

}

Q.22)input a number and check a number is divisible by 2 , 3, 4,6 anyone

#include<stdio.h>

int main(){

int a;

printf("enter the value of a");

scanf("%d",&a);

if( a%2==0 || a%3==0 || a%4==0 || a%6==0){

printf("number is match");

}else{

printf("number is not match");

}

return 0;

// output 12

}