Warm Up 1

I)

#include<stdio.h>

int main()

{

int x;

float a=5, b=7;

x = (a/2 + b/2) == (int)5.7;

printf("x is %d \n\n",x);

return 0;

}

II) #include<stdio.h>

int main()

{

int x;

float a=2, b=2, c=1;

x = (a++) >= (4\*b/3\*c);

printf("x is %d \n\n",x);

return 0;

}

III)

#include<stdio.h>

int main()

{

int x;

int p=2, q=3, t=2;

(++p>=t)+(q--<=t)+t%3\*4;

printf("p is %d \n\n",p);

printf("t is %d \n\n",t);

printf("q is %d \n\n",q);

return 0;

}

IV)

#include<stdio.h>

int main()

{

int x,a;

a= 5.5;

x = a>5 && a<10;

printf("x is %d \n\n",x);

return 0;

}

V)

#include<stdio.h>

int main()

{

int x,a,k,b;

a= 5.5;

b = 1.5;

k =-3;

x = k<0 || a<3 && b>3 || a>9;

printf("x is %d \n\n",x);

return 0;

}

VI)

#include<stdio.h>

int main()

{

int x,a,b;

a= 5.5;

b = 1.5;

x = !(a == 3\*b);

printf("x is %d \n\n",x);

return 0;

}

**Warm Up 2**

#include<stdio.h>

int main()

{

int x;

printf("Please enter any integer: ");

scanf("%d", &x);

if(x>=5 && x<=25)

{

x +=7; // x = x+7

}

else

x-=9;

printf("\n\nx is %d\n\n",x);

return 0;

}

**Warm up 3**

#include<stdio.h>

int main()

{

int x;

printf("Please enter any integer: ");

scanf("%d", &x);

if(x%6==0)

{

if(x>20)

{

printf("The number is greater than 20\n\n");

}

else

printf("The number is divisible by 6 but NOT greater than 20\n\n");

}

else

printf("The number is not divisible by 6\n\n");

return 0;

}

**Warm Up6**

#include<stdio.h>

int main()

{

int x,y,z;

printf("Please enter two integers: ");

scanf("%d %d", &x, &y);

z = (x<y) ? x : y;

printf("Value of x is:%10d\n",x);

printf("Value of y is:%10d\n",y);

printf("The min is :%10d\n",z);

printf("Value of x is:%-10d\n",x);

printf("Value of y is:%-10d\n",y);

printf("The min is :%-10d\n",z);

return 0;

}

**Warm Up 7**

#include<stdio.h>

int main()

{

int x;

printf("Please enter the student ID: ");

scanf("%1d", &x);

switch(x)

{

case 1:

printf("\nFreshman\n");

break;

case 2:

printf("\nSophmore\n");

break;

case 3:

printf("\nJunior\n");

break;

case 4:

printf("\nSenior\n");

break;

default:

printf("Invalid Choice. The student unidentified");

}

return 0;

}

**Warm Up 8:**

#include<stdio.h>

int main()

{

char c;

printf("Please enter a character: ");

scanf("%c", &c);

if(c>=65 && c<=90)

{

printf("The character is Capital %c\n\n", c);

}

if(c>=97 && c<=122)

{

printf("The character is Small %c\n\n", c);

}

return 0;

}