Warm Up 1

#include<stdio.h>

int main()

{

int counter=50;

while(counter>=2)

{

printf("%d ", counter);

counter-=4; // counter = counter -4

}

printf("\n\n");

return 0;

}

Warm Up 2)

I)

#include<stdio.h>

int main()

{

int counter;

for(counter=1;counter<=10 ; counter++)

{

printf("%d ", counter);

}

printf("\n\n");

return 0;

}

II

#include<stdio.h>

int main()

{

int counter;

for(counter=1;counter<=22 ; counter+=3) //counter = counter +3

{

printf("%d ", counter);

}

printf("\n\n");

return 0;

}

III)

#include<stdio.h>

int main()

{

int counter;

for(counter=-1;counter>=-10 ; counter--) //counter = counter +3

{

printf("%d ", counter);

}

printf("\n\n");

return 0;

}

IV)

#include<stdio.h>

int main()

{

int counter;

for(counter=50;counter>=2 ; counter-=4) //counter = counter +3

{

printf("%d ", counter);

}

printf("\n\n");

return 0;

}

Warm Up 3)

#include<stdio.h>

#include<limits.h>

int main()

{

int num;

int sum = 0;

int smallest;

int counter=0;

smallest = INT\_MAX;

printf("Enter integers to sum and to quit enter any nondigit\n");

while(scanf("%d",&num)==1)

{

//con. for smallest

if(num<smallest)

smallest = num;

//cond for bigger than 20

if(num>20)

counter++;

sum = sum + num;

printf("\nEnter integers to sum and to quit enter any nondigit\n");

}

printf("\nFinal Result = %d\n", sum);

printf("\nSmallest = %d\n", smallest);

printf("\n%d of them > 20", counter);

return 0;

}

Warm Up 4)

#include<stdio.h>

#include<limits.h>

int main()

{

int num;

printf("Please enter an integer between -4 to 89: ");

scanf("%d",&num);

//validation loop

while(num<-4 || num>89)

{

printf("\nError!!! The number was entered is NOT valid\n");

printf("Please enter an integer between -4 to 89: ");

scanf("%d",&num);

}

printf("\nYou've successfully entered a number between -4 to 89\n\n");

return 0;

}

Warm up 5

#include<stdio.h>

#include<limits.h>

int main()

{

int num;

int counter;

int sum = 0;

printf("Please enter value of (n) to sum 1+---+n: ");

scanf("%d",&num);

for(counter=0; counter<=num; counter++)

{

sum = sum + counter;

}

printf("\n\nThe sum of 1+---+%d = %d\n\n", num,sum);

return 0;

}

Warm Up 6)

1. 1st way

#include<stdio.h>

#include<limits.h>

int main()

{

int i;

for(i=1; i<=6; i++)

{

printf("\*\*\*\*\*\*\n");

}

return 0;

}

b)

#include<stdio.h>

int main()

{

int i, j;

for(i=0; i<6; i++)

{

for(j=0;j<6-i;j++)

printf("\*");

printf("\n");

}

return 0;

}