**תרגיל 1**

#include<stdio.h>

void main()

{

printf("\* \* \* \* \* \* \*\n\*I Love C \*\n\* \* \* \* \* \* \* ");

}

**תרגיל 2**

#include<stdio.h>

void main()

{

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

}

**תרגיל 3**

#include<stdio.h>

void main()

{

int x;

int y;

int a;

int b;

int c;

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

scanf\_s("%i",&x);

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

scanf\_s("%i",&y);

a = x + y;

b = x - y;

c = x \* y;

printf("the sum is: %i\n", a);

printf("the subtract is: %i\n", b);

printf("the multiplay is; %i\n", c);

}

**תרגיל 4**

#include<stdio.h>

void main()

{

int x;

int y;

int z;

int a;

int b;

int c;

int d;

printf("how many chip tickets would you like to buy?:\n");

scanf\_s("%i",&x);

printf("how many chip tickets would you like to buy?:\n");

scanf\_s("%i",&y);

printf("how many people entered but have not used the Facilities?:\n");

scanf\_s("%i",&z);

a = x \* 10;

b = y \* 15;

c = z \* 8;

d = a + b + c;

printf("the price that you need to pay is %i + %i + %i = %i", a,b,c,d);

}

**תרגיל 5**

#include<stdio.h>

void main()

{

double x;

int y;

double z;

double a;

double b;

double c;

double d;

printf("how far are you from the store?:\n");

scanf\_s("%lf",&x);

printf("wich floor are you?:\n");

scanf\_s("%i",&y);

printf("How much does your order weigh?:\n");

scanf\_s("%lf",&z);

printf("How much the item cost?:\n");

scanf\_s("%lf",&d);

a = y \* 2 \* z;

b = 5 \* x;

c = d + a + b;

printf("the price that you need to pay is:%lf", c);

}

**תרגיל 6**

#include<stdio.h>

void main()

{

int x, y, z, a;

printf("enter the second:\n");

scanf\_s("%i",&x);

y = x / 3600;

z = x % 3600 /60;

a = x % 3600 % 60;

printf("the time is: %i hours, %i minutes, %i seconds", y, z, a);

}

**תרגיל 7**

#include<stdio.h>

void main()

{

int x, y, z, w, t;

printf("enter the price you want to change:");

scanf\_s("%i",&x);

y = x / 10;

z = x % 10 / 5;

w = x % 5 / 2;

t = x % 5 % 2;

printf("%i of 10 shekels, %i of 5 shekels, % i of 2 shekels and %i of 1 shekels", y, z, w, t);

}

**תרגיל 8**

#include<stdio.h>

void main()

{

double x, y, z;

printf("enter the radius:");

scanf\_s("%lf",&x);

y = 2 \* x \* 3.14;

z = x \* x \* 3.14;

printf("the scope is %lf /n the precintct is %lf", y, z);

}

**תרגיל 9**

#include<stdio.h>

void main()

{

double x, y, z;

printf("enter a number:");

scanf\_s("%lf",&x);

printf("enter a number:");

scanf\_s("%lf", &y);

printf("enter a number:");

scanf\_s("%lf", &z);

double a = (x + y + z) / 3;

printf("the average is: %lf", a);

}

**שאלה 10**

#include<stdio.h>

void main()

{

double x, y, z;

printf("how many hours did you worked?:");

scanf\_s("%lf",&x);

printf("how much did the pay you for one hour?:");

scanf\_s("%lf", &y);

z = x \* y;

printf("your salary is: %lf", z);

}

**שאלה 11**

#include<stdio.h>

void main()

{

int x, years, monthes, weeks, days;

printf("pleas enter the days:\n");

scanf\_s("%i", &x);

years = x / 365;

monthes = x % 365 / 30;

weeks = x % 365 % 30 / 7;

days = x % 365 % 30 % 7;

printf("he will be away for %i years, %i monthes, %i weeks and %i days", years, monthes, weeks, days);

}

**שאלה 12**

#include<stdio.h>

void main()

{

int x, boxes, extra\_nails;

printf("pleas enter the number of nails:\n");

scanf\_s("%i", &x);

boxes = x / 50;

extra\_nails = x % 50;

printf("you need %i boxes\n you got %i extra nails", boxes, extra\_nails);

}