

Soru 1

The screenshot shows a C IDE interface with two windows. The left window displays the source code for LAB3.c:

```
Start here X LAB3.c X
1 #include <stdio.h>
2 int main()
3 {
4     float A,B,C,T;
5     printf("a muslugu havuzu kac saatte doldurur?");
6     scanf("%f",&A);
7     printf("b muslugu havuzu kac saatte doldurur?");
8     scanf("%f",&B);
9     printf("c muslugu havuzu kac saatte doldurur?");
10    scanf("%f",&C);
11    T=/(1/A+1/B+1/C);
12    printf("Havuzu tek basina %.1f, %.1f ve %.1f saatte dolduran uc musluk birlikte acilirsa havuz %.2f saatte dolar.\n", A, B, C, T);
13    return 0;
14 }
```

The right window shows the terminal output of the program:

```
C:\Users\hkepi\Desktop\LAB3 X + -
a muslugu havuzu kac saatte doldurur?
2
b muslugu havuzu kac saatte doldurur?
3
c muslugu havuzu kac saatte doldurur?
4
Havuzu tek basina 2.0, 3.0 ve 4.0 saatte dolduran uc musluk birlikte acilirsa havuz 0.92 saatte dolar.

Process returned 0 (0x0) execution time : 10.196 s
Press any key to continue.
```

Soru 2

The screenshot shows a C IDE interface with two windows. The left window displays the source code for lab3soru2.c:

```
Start here X lab3soru2.c X
1 #include <stdio.h>
2 int main()
3 {
4     int ogrenci1,ogrenci2,ogrenci3,ogrenci4,ogrenci5,t;
5     /* ogrenci1 1.ogrencinin yasini temsil etmektedir*/
6     printf("ogrenci1 yasi nedir?");
7     scanf("%d",&ogrenci1);
8     printf("ogrenci2 yasi nedir?");
9     scanf("%d",&ogrenci2);
10    printf("ogrenci3 yasi nedir?");
11    scanf("%d",&ogrenci3);
12    printf("ogrenci4 yasi nedir?");
13    scanf("%d",&ogrenci4);
14    printf("ogrenci5 yasi nedir?");
15    scanf("%d",&ogrenci5);
16    t=0;
17    t+=ogrenci1;
18    t+=ogrenci2;
19    t+=ogrenci3;
20    t+=ogrenci4;
21    t+=ogrenci5;
22    t/=5;
23    int ortalama;
24    ortalama=t;
25    printf("ortalama %d", ortalama);
26 }
```

The right window shows the terminal output of the program:

```
C:\Users\hkepi\Desktop\lab3soru2 X + -
ogrenci1 yasi nedir?
10
ogrenci2 yasi nedir?
10
ogrenci3 yasi nedir?
10
ogrenci4 yasi nedir?
10
ogrenci5 yasi nedir?
10
ortalama 10
Process returned 0 (0x0) execution time : 12.010 s
Press any key to continue.
```

Soru3

The screenshot shows a C IDE interface with two windows. The left window displays the source code for lab3soru3.c:

```
Start here X lab3soru3.c X
1 #include <stdio.h>
2 int main()
3 {
4     char a = 'A', b = 'B', c = 'C';
5     char d = 'D', e = 'E', f = 'F';
6     char g = 'G', h = 'H', i = 'I';
7     char k = 'K', l = 'L', m = 'M';
8
9     printf("%c %c %c\n", a, b, c);
10    printf("%c %c %c\n", d, e, f);
11    printf("%c %c %c\n", g, h, i);
12    printf("%c %c %c\n", k, l, m);
13
14    return 0;
15 }
16 
```

The right window shows the terminal output of the program:

```
C:\Users\hkepi\Desktop\lab3soru3 X + -
A B C
D E F
G H I
K L M

Process returned 0 (0x0) execution time : 0.517 s
Press any key to continue.
```