

# 1 – masala

```
1masala.c x
C: > Users > PRO_USER > .vscode > vscode > homework > 1masala.c

1  #include <stdio.h>
2  #include <ctype.h>
3  #include <string.h>
4
5  typedef struct{
6      char ismi[20];
7      int yoshi;
8      float stip;
9      int baho[5];
10 }t;
11
12 int main(){
13     system("cls");
14     int n = 5;
15     int ortacha[5], yig = 0;
16     t talaba[5];
17     // 1-oquvchi
18     strcpy(talaba[0].ismi, "Jonibek");
19     talaba[0].yoshi = 20;
20     talaba[0].stip = 420150.50;
21     int baholar1[5] = {4, 5, 3, 5, 5};
22     for(int i = 0; i < 5; i++){
23         talaba[0].baho[i] = baholar1[i];
24     }
25     // 2 - oquvchi
26     strcpy(talaba[1].ismi, "Kamol");
27     talaba[1].yoshi = 19;
28     talaba[1].stip = 365150.55;
29     int baholar2[5] = {3, 5, 3, 5, 4};
30     for(int i = 0; i < 5; i++){
31         talaba[1].baho[i] = baholar2[i];
32     }
33     // 3 - oquvchi
34     strcpy(talaba[2].ismi, "Dilshod");
35     talaba[2].yoshi = 19;
36     talaba[2].stip = 400150.55;
37     int baholar3[5] = {5, 4, 3, 4, 4};
38     for(int i = 0; i < 5; i++){
39         talaba[2].baho[i] = baholar3[i];
40     }
41     // 4 - oquvchi
42     strcpy(talaba[3].ismi, "Sulaymon");
43     talaba[3].yoshi = 21;
44     talaba[3].stip = 500295.43;
45     int baholar4[5] = {3, 5, 3, 5, 4};
46     for(int i = 0; i < 5; i++){
47         talaba[3].baho[i] = baholar4[i];
48     }
49     // 5 - oquvchi
50     strcpy(talaba[4].ismi, "Ali");
51     talaba[4].yoshi = 18;
52     talaba[4].stip = 365150.55;
53     int baholar5[5] = {5, 4, 3, 3, 4};
54     for(int i = 0; i < 5; i++){
55         talaba[4].baho[i] = baholar5[i];
56     }
```

```

57
58  for(int i = 0; i < 5; i++){
59      for(int j = 0; j < 5; j++){
60          yig += talaba[i].baho[j];
61      }
62      if(yig / 5 == 4){
63          printf("talaba ismi: %s\n", talaba[i].ismi);
64          printf("talaba yoshi: %d\n", talaba[i].yoshi);
65          printf("talaba stipendiyasi: %.2f\n", talaba[i].stip);
66          printf("Baholari: %d, %d, %d, %d, %d\n", talaba[i].baho[0], talaba[i].baho[1], talaba[i].baho[2], talaba[i].baho[3], talaba[i].baho[4]);
67          puts("\n");
68      }
69      yig = 0;
70  }
71
72  return 0;
73  }

```

```

talaba ismi: Jonibek
talaba yoshi: 20
talaba stipendiyasi: 420150.50
Baholari: 4, 5, 3, 5, 5

```

```

talaba ismi: Dilshod
talaba yoshi: 19
talaba stipendiyasi: 400150.56
Baholari: 5, 4, 3, 4, 4

```

```

talaba ismi: Sulaymon
talaba yoshi: 21
talaba stipendiyasi: 500295.44
Baholari: 3, 5, 3, 5, 4

```

```

PS C:\Users\PRO_USER\.vscode\vscode\homework>

```

## 2 – masala

```
2masala.c x
C: > Users > PRO_USER > .vscode > vscode > homework > 2masala.c
1  #include    <stdio.h>
2  #include    <ctype.h>
3  #include    <string.h>
4
5  typedef struct{
6      char ism[25];
7      float stip;
8      int kurs;
9  }TALABA;
10
11
12  int main(){
13      system("cls");
14      float sum = 0;
15      TALABA talaba[5];
16      // 1 - oquvchi
17      strcpy(talaba[0].ism, "Anvar");
18      talaba[0].stip = 500550.13;
19      talaba[0].kurs = 2;
20      // 2 - oquvchi
21      strcpy(talaba[1].ism, "Muhammadali");
22      talaba[1].stip = 525560.25;
23      talaba[1].kurs = 1;
24      // 3 - oquvchi
25      strcpy(talaba[2].ism, "Farruh");
26      talaba[2].stip = 425255.85;
27      talaba[2].kurs = 2;
28
29      // 4 - oquvchi
30      strcpy(talaba[3].ism, "Rustam");
31      talaba[3].stip = 366154.13;
32      talaba[3].kurs = 3;
33      // 5 - oquvchi
34      strcpy(talaba[4].ism, "Asadbek");
35      talaba[4].stip = 800546.78;
36      talaba[4].kurs = 4;
37
38      for(int i = 0; i < 5; i++){
39          if(talaba[i].kurs == 2){
40              sum += talaba[i].stip;
41          }
42      }
43      printf("\nUmumiy hisobda 2 - kurs talabalarining stipendiyasi: %.2f\n", sum);
44      return 0;
45  }
```

Umumiy hisobda 2 - kurs talabalarining stipendiyasi: 925806.00

PS C:\Users\PRO\_USER\.vscode\vscode\homework>

### 3 – masala

```
3masala.c x  Untitled-1
C: > Users > PRO_USER > .vscode > vscode > homework > 3masala.c

1  #include <stdio.h>
2  #include <ctype.h>
3  #include <string.h>
4
5  typedef struct TALABA
6  {
7      float stip;
8      int kurs;
9  } TALABA;
10
11
12  int main(){
13      system("cls");
14      float sum = 0;
15      TALABA talaba[5];
16      // 1 - oquvchi
17      strcpy(talaba[0].ism, "Anvar");
18      talaba[0].stip = 500550.13;
19      talaba[0].kurs = 2;
20      // 2 - oquvchi
21      strcpy(talaba[1].ism, "ali");
22      talaba[1].stip = 525560.25;
23      talaba[1].kurs = 1;
24      // 3 - oquvchi
25      strcpy(talaba[2].ism, "Farruh");
26      talaba[2].stip = 425255.85;
27      talaba[2].kurs = 2;
28
29      // 4 - oquvchi
30      strcpy(talaba[3].ism, "Rustam");
31      talaba[3].stip = 366154.13;
32      talaba[3].kurs = 3;
33      // 5 - oquvchi
34      strcpy(talaba[4].ism, "Asad");
35      talaba[4].stip = 800546.78;
36      talaba[4].kurs = 4;
37
38      for(int i = 0; i < 5; i++){
39          if(strlen(talaba[i].ism) <= 5){
40              printf("ism: %s\n", talaba[i].ism);
41              printf("stipendiya: %.2f\n", talaba[i].stip);
42              printf("kurs: %d\n", talaba[i].kurs);
43              puts("\n");
44          }
45      }
46
47      return 0;
48  }
```

```
ism: Anvar
stipendiya: 500550.13
kurs: 2
```

```
ism: ali
stipendiya: 525560.25
kurs: 1
```

```
ism: Asad
stipendiya: 800546.75
kurs: 4
```

## 4 – masala

```
C 4masala.c X
C: > Users > PRO_USER > .vscode > vscode > homework > C 4masala.c
1  #include <stdio.h>
2  #include <stdlib.h>
3  #include <ctype.h>
4  #include <string.h>
5
6  struct AEROPORT{
7      char turi[30];
8      int kuni; // uchish sanasi sifatida
9      int oy;
10     int yil;
11     char ushahar[30];
12     char qshahar[30];
13     int soat;
14     int min;
15 };
16
17 int main(){
18     system("cls");
19
20     struct AEROPORT uchish[10] = {
21         /*1*/ {"Airbus A741", 10, 5, 2024, "Urganch", "Toshkent", 2, 30},
22         /*2*/ {"Airbus A101", 12, 6, 2024, "Urganch", "Samarqand", 14, 0},
23         /*3*/ {"Boeing A12 ", 30, 1, 2024, "Urganch", "Astana", 5, 0},
24         /*4*/ {"Airbus a78", 25, 10, 2024, "Urganch", "Istanbul", 6, 40},
25         /*5*/ {"Airbus A320", 15, 7, 2024, "Urganch", "Moskva", 10, 15},
26         /*6*/ {"Boeing 777", 25, 8, 2024, "Toshkent", "Anqara", 12, 35},
27         /*7*/ {"Airbus A717", 10, 7, 2024, "Anqara", "Toshkent", 2, 25},
28         /*8*/ {"Airbus A123", 20, 5, 2024, "Istanbul", "Urganch", 10, "25"},
29         /*9*/ {"Boeing A101", 16, 6, 2024, "Samarqand", "Astana", 3, 35},
30         /*10*/ {"Airbus A100", 18, 2, 2024, "Nukus", "Toshkent", 3, 55}
31     };
```

```

32
33     for(int i = 0; i < 10; i++){
34         if(uchish[i].oy == 6 || uchish[i].oy == 7 || uchish[i].oy == 8){
35             printf("Samolyot turi: %s\n", uchish[i].turi);
36             printf("uchish sanasi: %d.%.02d.%.02d\n", uchish[i].kuni, uchish[i].oy, uchish[i].yil);
37             printf("Uchish shahri: %s\n", uchish[i].ushahar);
38             printf("qo`nish shahri: %s\n", uchish[i].qshahar);
39             printf("uchish soati: %d:%d", uchish[i].soat, uchish[i].min);
40             puts("\n");
41         }
42     }
43
44     return 0;
45 }

```

PROBLEMS OUTPUT TERMINAL ... Code + - [ ] [ ] ... < X

```

Samolyot turi: Airbus A101
uchish sanasi: 12.06.2024
Uchish shahri: Urganch
qo`nish shahri: Samarqand
uchish soati: 14:0

Samolyot turi: Airbus A320
uchish sanasi: 15.07.2024
Uchish shahri: Urganch
qo`nish shahri: Moskva
uchish soati: 10:15

Samolyot turi: Boeing 777
uchish sanasi: 25.08.2024
Uchish shahri: Toshkent
qo`nish shahri: Anqara
uchish soati: 12:35

Samolyot turi: Airbus A717
uchish sanasi: 10.07.2024
Uchish shahri: Anqara
qo`nish shahri: Toshkent
uchish soati: 2:25

Samolyot turi: Boeing A101
uchish sanasi: 16.06.2024
Uchish shahri: Samarqand
qo`nish shahri: Astana
uchish soati: 3:35

PS C:\Users\PRO_USER\.vscode\vscode\homework> 

```

## 5 – masala

5masala.c

C: > Users > PRO\_USER > .vscode > vscode > homework > 5masala.c

```
1  #include <stdio.h>
2  #include <stdlib.h>
3  #include <ctype.h>
4  #include <string.h>
5
6  struct AEROPORT{
7      char turi[30];
8      int kuni; // uchish sanasi sifatida
9      int oy;
10     int yil;
11     char ushahar[30];
12     char qshahar[30];
13     int soat;
14     int min;
15 };
16
17 int main(){
18     system("cls");
19
20     struct AEROPORT uchish[10] = {
21         /*1*/ {"Airbus A741", 10, 5, 2024, "Urganch", "Toshkent", 2, 30},
22         /*2*/ {"Airbus A101", 12, 6, 2024, "Urganch", "Samarqand", 14, 0},
23         /*3*/ {"Boeing A12 ", 30, 1, 2024, "Urganch", "Astana", 5, 0},
24         /*4*/ {"Airbus a78", 25, 10, 2024, "Urganch", "Istanbul", 6, 40},
25         /*5*/ {"Airbus A320", 15, 7, 2024, "Urganch", "Moskva", 10, 15},
26         /*6*/ {"Boeing 777", 25, 8, 2024, "Toshkent", "Anqara", 12, 35},
27         /*7*/ {"Airbus A717", 10, 7, 2024, "Anqara", "Toshkent", 2, 25},
28         /*8*/ {"Airbus A123", 20, 5, 2024, "Istanbul", "Urganch", 10, "25"},
29         /*9*/ {"Boeing A101", 16, 6, 2024, "Samarqand", "Astana", 3, 35},
30         /*10*/ {"Airbus A100", 18, 2, 2024, "Nukus", "Toshkent", 3, 55}
31     };
32
33     for(int i = 0; i < 10; i++){
34         if(uchish[i].soat == 2 || uchish[i].soat == 3 && uchish[i].min <= 0){
35             if(strcmp(uchish[i].qshahar, "Toshkent") == 0){
36                 printf("Samolyot turi: %s\n", uchish[i].turi);
37                 printf("uchish sanasi: %d.%.02d.%.02d\n", uchish[i].kuni, uchish[i].oy, uchish[i].yil);
38                 printf("Uchish shahri: %s\n", uchish[i].ushahar);
39                 printf("qo`nish shahri: %s\n", uchish[i].qshahar);
40                 printf("uchish soati: %d:%.02d", uchish[i].soat, uchish[i].min);
41                 puts("\n");
42             }
43         }
44     }
45
46     return 0;
47 }
```

Samolyot turi: Airbus A741  
uchish sanasi: 10.05.2024  
Uchish shahri: Urganch  
qo`nish shahri: Toshkent  
uchish soati: 2:30

Samolyot turi: Airbus A717  
uchish sanasi: 10.07.2024  
Uchish shahri: Anqara  
qo`nish shahri: Toshkent  
uchish soati: 2:25

PS C:\Users\PRO\_USER\.vscode\vscode\homework>