

PRACTICLE 06

Question 01

```
#include <stdio.h>
```

```
int main()
```

```
{
```

```
    int arr[10],i,min, max, sum = 0;
```

```
    float avg;
```

```
    printf("Enter 10 integers:\n");
```

```
    for (i = 0; i < 10; i++) {
```

```
        scanf("%d", &arr[i]);
```

```
    }
```

```
    min = arr[0];
```

```
    max = arr[0];
```

```
    for (i = 1; i < 10; i++) {
```

```
        if (arr[i] < min) {
```

```
            min = arr[i];
```

```
        }
```

```
        if (arr[i] > max) {
```

```
            max = arr[i];
```

```
        }
```

```
    }
```

```

    for (i = 0; i < 10; i++) {
        sum += arr[i];
    }

    avg = (float)sum / 10;

    printf("Minimum value: %d\n", min);
    printf("Maximum value: %d\n", max);
    printf("Average value: %.2f\n", avg);

    printf("Values in reverse order:\n");
    for (i = 9; i >= 0; i--) {
        printf("%d ", arr[i]);
    }

    return 0;
}

```

Question 02

```
#include <stdio.h>
```

```

int main()
{

```

```
int arr[10],i,min, max, sum = 0;
float avg;
```

```
printf("Enter 10 integers:\n");
for (i = 0; i < 10; i++) {
    scanf("%d", &arr[i]);
}
```

```
min = arr[0];
max = arr[0];
for (i = 1; i < 10; i++) {
    if (arr[i] < min) {
        min = arr[i];
    }
    if (arr[i] > max) {
        max = arr[i];
    }
}
```

```
for (i = 0; i < 10; i++) {
    sum += arr[i];
}
```

```
avg = (float)sum / 10;
```

```
printf("Minimum value: %d\n", min);  
printf("Maximum value: %d\n", max);  
printf("Average value: %.2f\n", avg);  
  
printf("Values in reverse order:\n");  
for (i = 9; i >= 0; i--) {  
    printf("%d ", arr[i]);  
}  
  
return 0;  
}
```