1)

```java
package com.entity.lab;

import java.util.Scanner;

public class array1 {

  public static void main(String[] args) {

    Scanner sc = new Scanner(System.in);

        System.out.print("Enter the number of elements
in the array: ");
        int n = sc.nextInt();


        int[] arr = new int[n];


        for (int i = 0; i < n; i++) {
          System.out.print("Enter a value for element "
+ i + ": ");
           arr[i] = sc.nextInt();
        }


        double average = 0;
        for (int i = 0; i < n; i++) {
           average += arr[i];
        }
        average /= n;


        System.out.println("The average of the array is:
" +average);

    }
  }
```
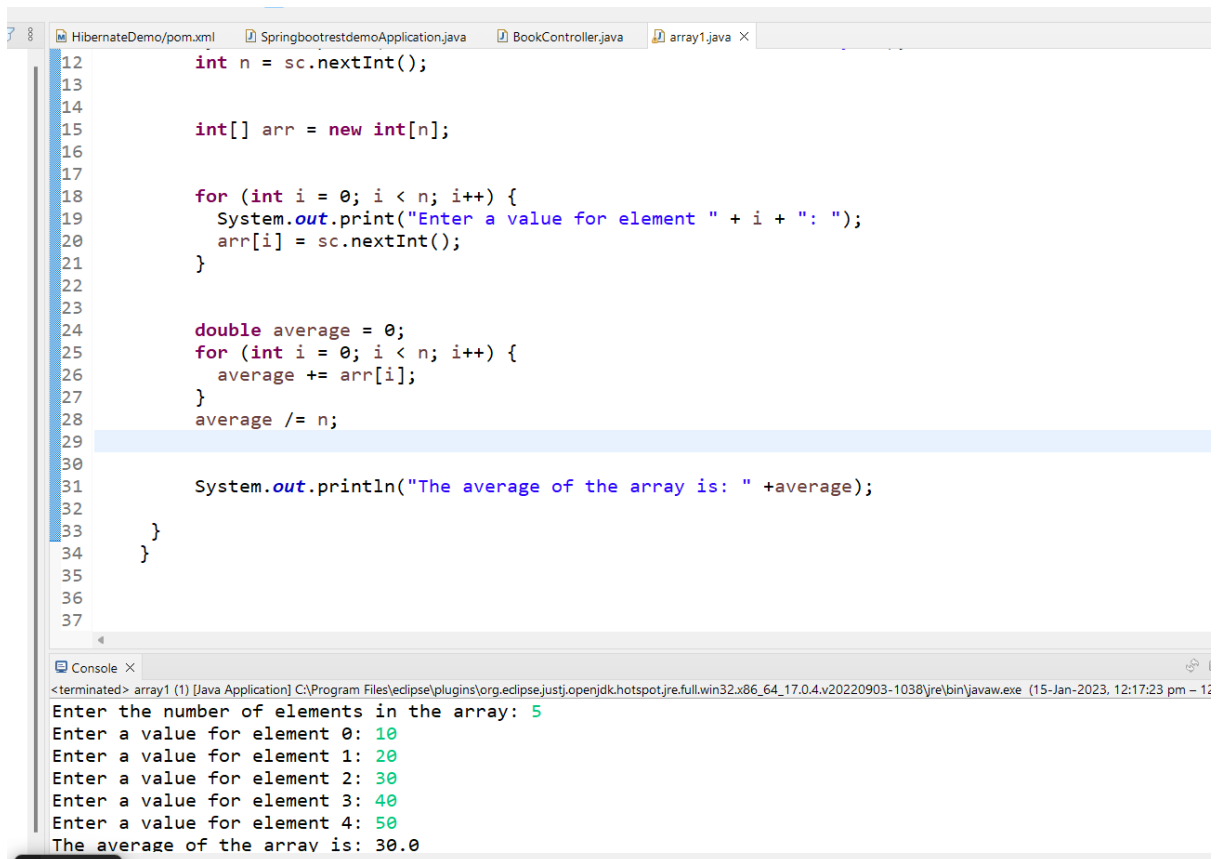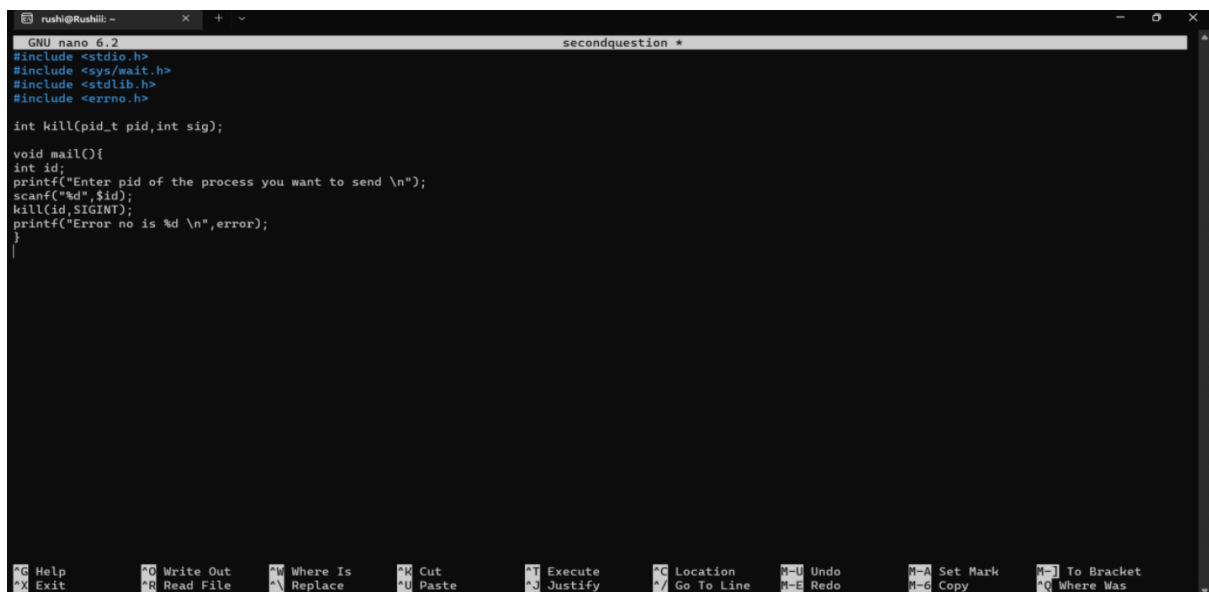
```java
12          int n = sc.nextInt();
13
14
15          int[] arr = new int[n];
16
17
18          for (int i = 0; i < n; i++) {
19              System.out.print("Enter a value for element " + i + ": ");
20              arr[i] = sc.nextInt();
21          }
22
23
24          double average = 0;
25          for (int i = 0; i < n; i++) {
26              average += arr[i];
27          }
28          average /= n;
29
30
31          System.out.println("The average of the array is: " +average);
32
33      }
34  }
35
36
37
```

Console ✕

<terminated> array1 (1) [Java Application] C:\Program Files\eclipse\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.4.v20220903-1038\jre\bin\javaw.exe (15-Jan-2023, 12:17:23 pm – 12

```
Enter the number of elements in the array: 5
Enter a value for element 0: 10
Enter a value for element 1: 20
Enter a value for element 2: 30
Enter a value for element 3: 40
Enter a value for element 4: 50
The average of the array is: 30.0
```

2)

```
GNU nano 6.2                          secondquestion *
#include <stdio.h>
#include <sys/wait.h>
#include <stdlib.h>
#include <errno.h>

int kill(pid_t pid,int sig);

void mail(){
int id;
printf("Enter pid of the process you want to send \n");
scanf("%d",$id);
kill(id,SIGINT);
printf("Error no is %d \n",error);
}
```

^G Help   ^O Write Out   ^W Where Is   ^K Cut   ^T Execute   ^C Location   M-U Undo   M-A Set Mark   M-] To Bracket
^X Exit   ^R Read File   ^\ Replace   ^U Paste   ^J Justify   ^/ Go To Line   M-E Redo   M-6 Copy   ^Q Where Was

```
                                    perror
secondquestion.c:13:29: note: each undeclared identifier is reported only once for each function it appears in
rushi@Rushiii:~$ nano secondquestion.c
rushi@Rushiii:~$ gcc secondquestion.c -o seconsquestion
secondquestion.c: In function 'mail':
secondquestion.c:13:22: warning: format '%d' expects argument of type 'int', but argument 2 has type 'int *' [-Wformat=]
   13 |    printf("Error no is %d \n",&errno);
      |                        ~^
      |                         |
      |                         int
      |                        %ls
/usr/bin/ld: /usr/lib/gcc/x86_64-linux-gnu/11/../../../x86_64-linux-gnu/Scrt1.o: in function '_start':
(.text+0x1b): undefined reference to 'main'
collect2: error: ld returned 1 exit status
rushi@Rushiii:~$
```