Lab Assignment . **4**

Muhammad **Mujtaba** SP22-BSE-036

Sir **Rizwan** Rashid

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CODE

**Questions** highlighted with yellow. Output at the end.  
  
*// LAB* ***ASSIGNMENT*** *4  
  
//* ***MUJTABA*** *SP22-BSE-036  
// SIR* ***RIZWAN*** *RASHID  
// PROGRAMMING FUNDAMENTALS  
// DATE: JAN 3, 2023  
  
// START -*import java.util.\*; import java.io.\*;  
public class Code {

*//* ***LAB 11*** *// Q. 1* static int awaitInt(){  
 Scanner scn = new Scanner(System.in);  
 String msg = "enter int: ";  
 for(;;){  
 System.out.println(msg);  
 try { int in = scn.nextInt(); break; }  
 catch(InputMismatchException e){ msg = "re-" + msg; }  
 }  
 }  
 static void question1(){ System.out.println(awaitInt() + awaitInt()); }  
  
 *// Q . 2* static void question2(){  
 Scanner scn = new Scanner(System.in);  
 int[] arr = new int[10]; int index = 0;  
 String msg = "enter index: ";  
 for(int i = 0; i < arr.length; i++) arr[i] = awaitInt();  
 for(int i = 0; i < arr.length; i++){  
 System.out.println("Enter index 0-9 to print value from arr:");  
 try { index = scn.nextInt(); break; }  
 catch(InputMismatchException e){ msg = "re-" + msg; }  
 }  
 System.out.println(arr[index]);  
 }  
  
 *//* ***LAB 13*** *// Q . 1* static void \_question1(){  
 for(int i = 0; i < arr.length; i++) arr[i] = awaitInt();  
 try {  
 FileWriter wr = new FileWriter("TEST.TXT", true);  
 for(int e: arr) wr.write(e); wr.close();  
 } catch (IOException e){ }  
 }  
  
 *// Q . 2* static void \_question2(){  
 for(int i = 0; i < arr.length; i++) arr[i] = awaitInt();  
 Arrays.sort(arr);  
 try {  
 FileWriter wr = new FileWriter("TEST.TXT", true);  
 for(int e: arr) wr.write(e); wr.close();  
 } catch (IOException e){ }  
 }  
  
 public static void main(String[] args){  
 question1(); question2();  
 \_question1(); \_question2();  
 }  
}  
  
*// - END*

END