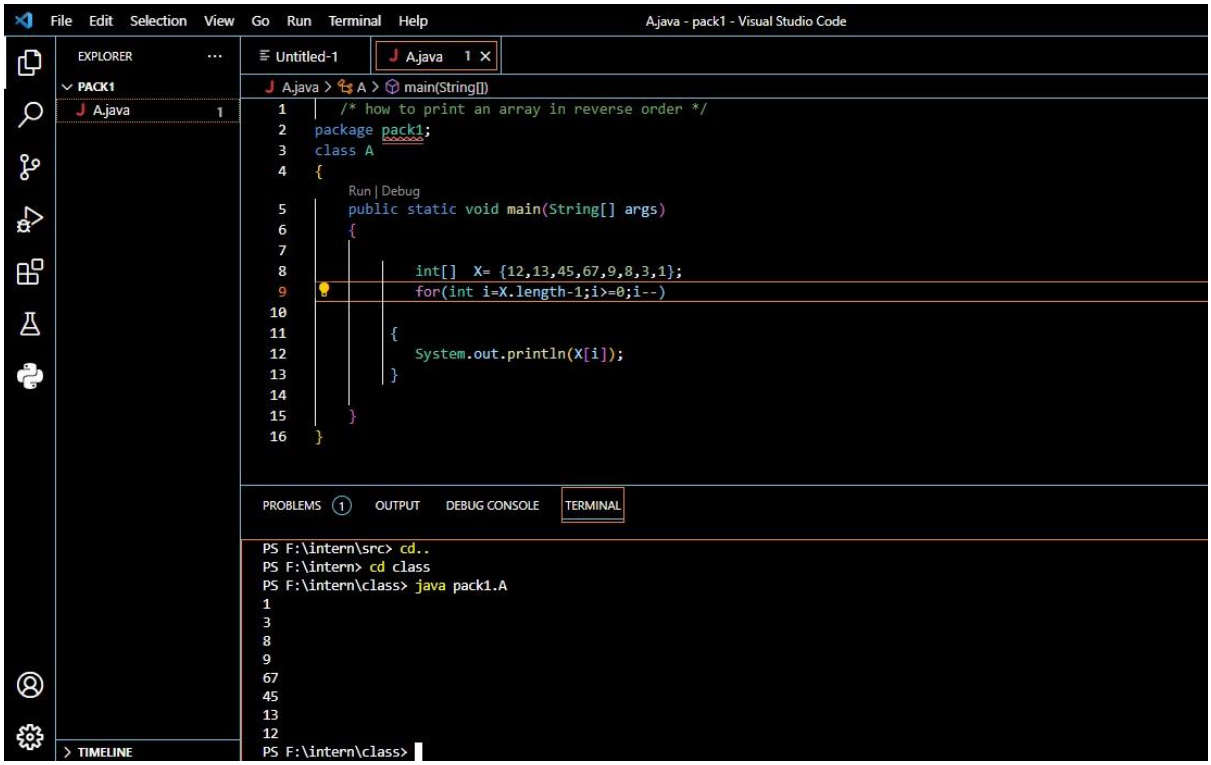
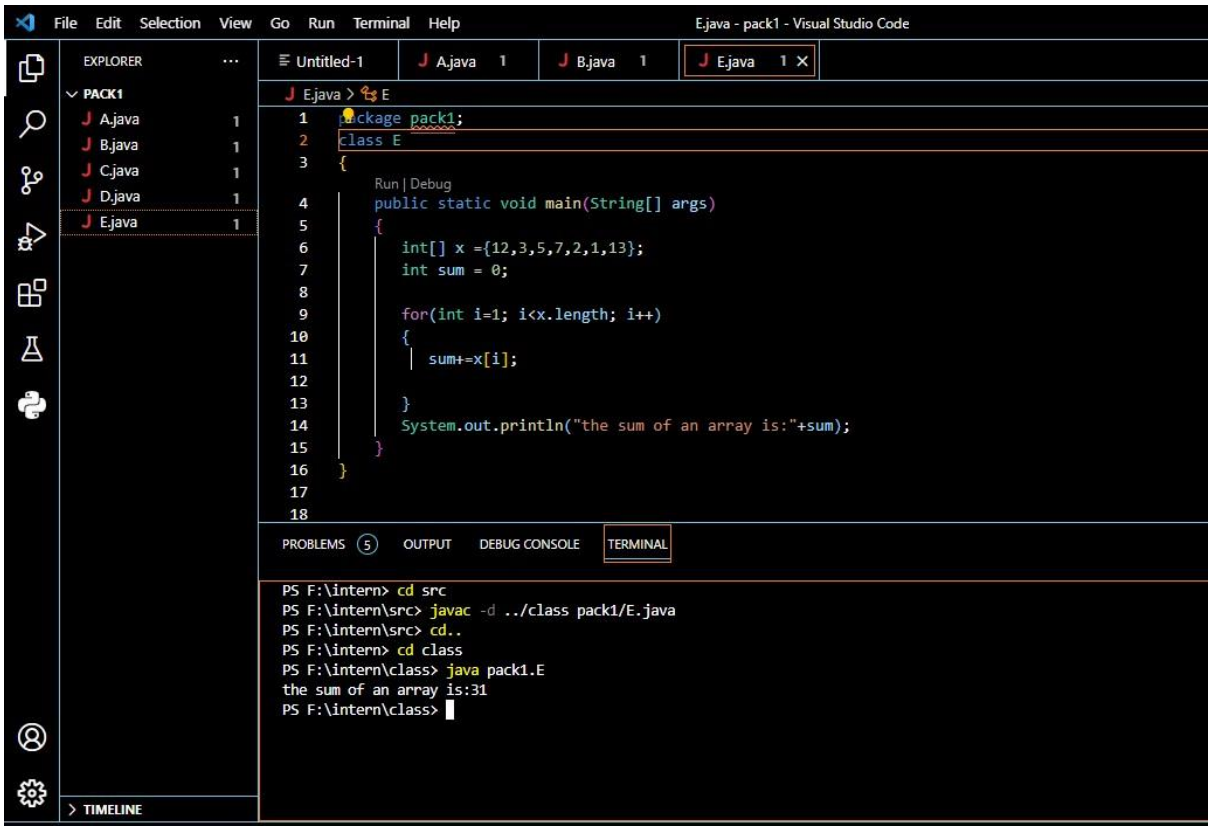
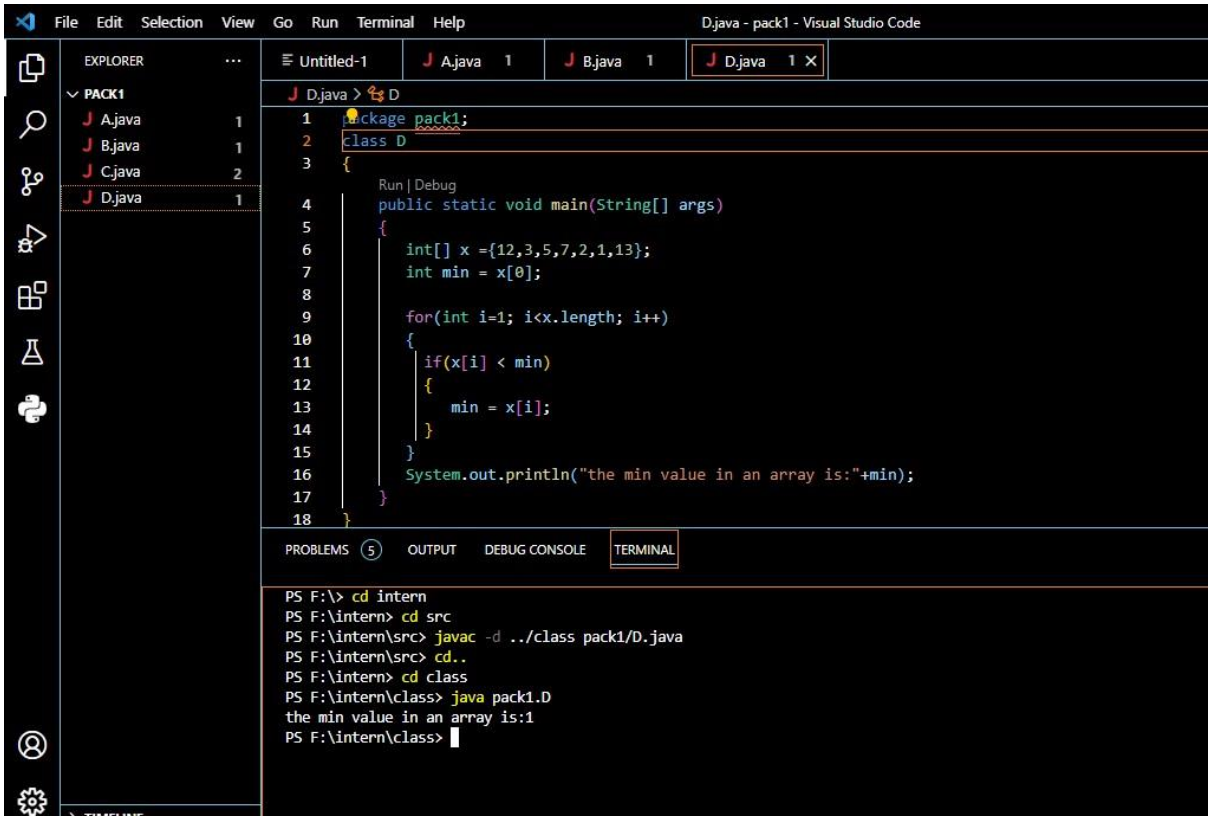
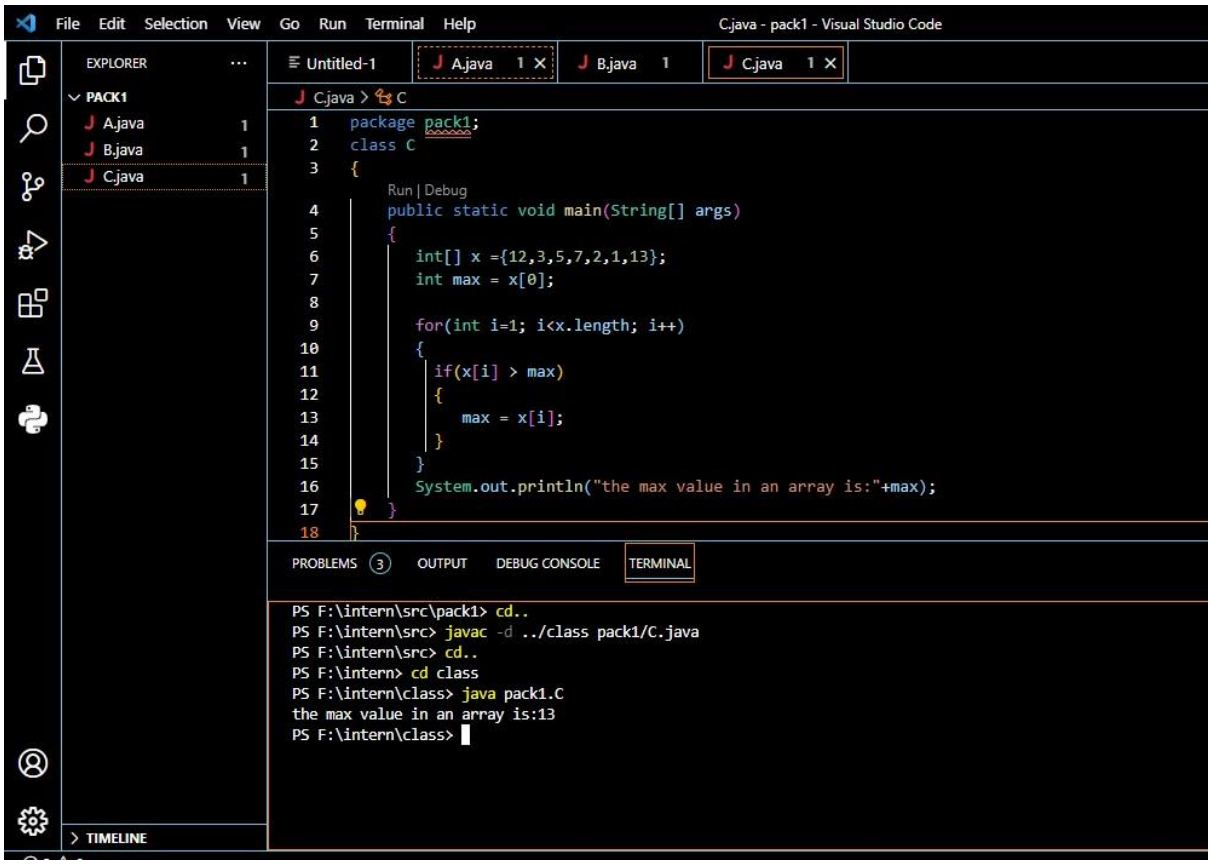
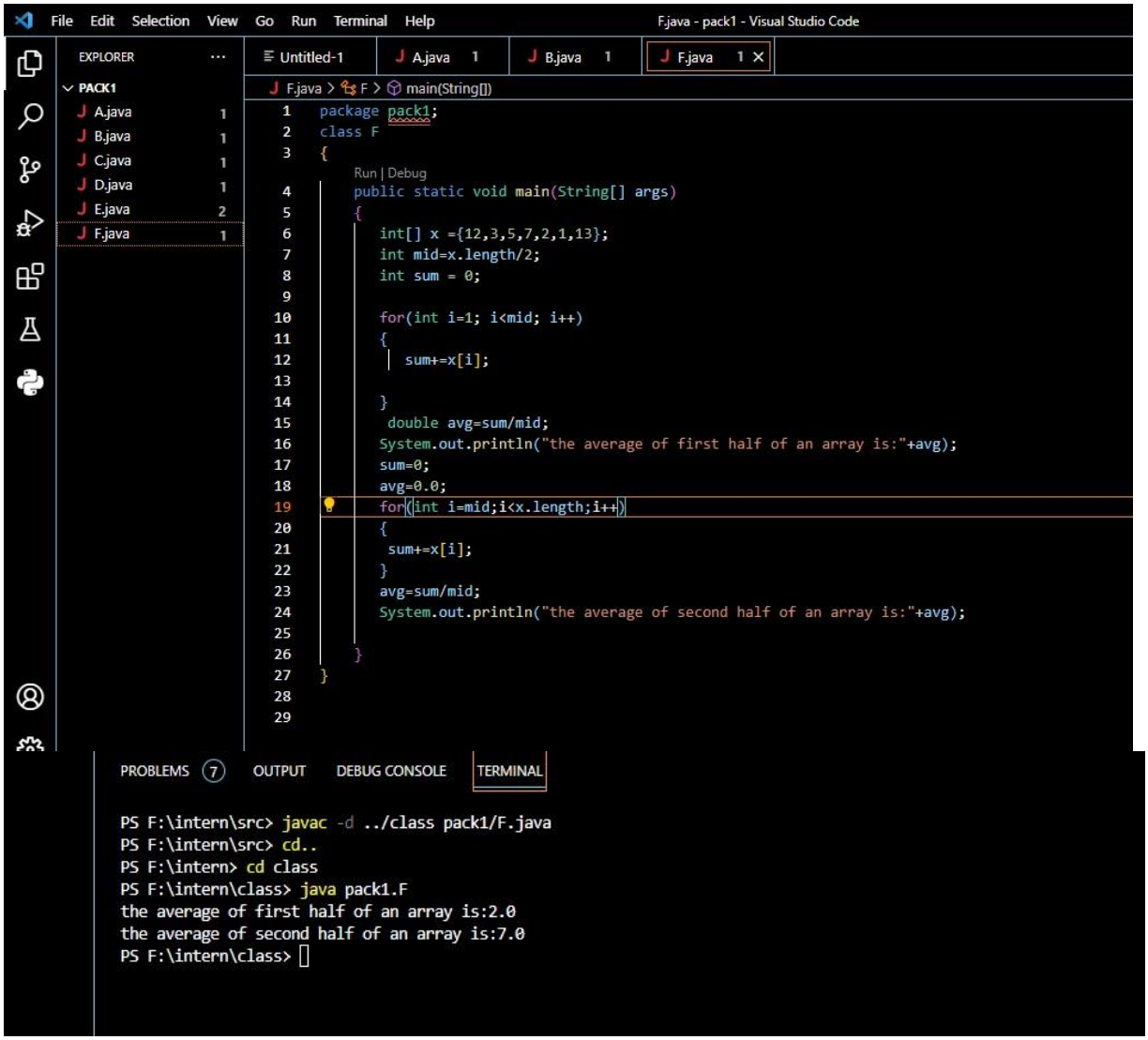
Array programming examples :-






File Edit Selection View Go Run Terminal Help
D.java - pack1 - Visual Studio Code
EXPLORER
PACK1
A.java 1
B.java 1
C.java 2
D.java 1
Untitled-1
A.java 1
B.java 1
D.java 1 ×
D.java > D
Run | Debug
1 package pack1;
2 class D
3 {
4 public static void main(String[] args)
5 {
6 int[] x ={12,3,5,7,2,1,13};
7 int min = x[0];
8
9 for(int i=1; i<x.length; i++)
10 {
11 if(x[i] < min)
12 {
13 min = x[i];
14 }
15 }
16 System.out.println("the min value in an array is:"+min);
17 }
18 }
PROBLEMS 5 OUTPUT DEBUG CONSOLE TERMINAL
PS F:\> cd intern
PS F:\intern> cd src
PS F:\intern\src> javac -d ../class pack1/D.java
PS F:\intern\src> cd..
PS F:\intern> cd class
PS F:\intern\class> java pack1.D
the min value in an array is:1
PS F:\intern\class>


File Edit Selection View Go Run Terminal Help
C.java - pack1 - Visual Studio Code
EXPLORER
PACK1
A.java 1
B.java 1
C.java 1
Untitled-1
A.java 1 ×
B.java 1
C.java 1 ×
C.java > C
Run | Debug
1 package pack1;
2 class C
3 {
4 public static void main(String[] args)
5 {
6 int[] x ={12,3,5,7,2,1,13};
7 int max = x[0];
8
9 for(int i=1; i<x.length; i++)
10 {
11 if(x[i] > max)
12 {
13 max = x[i];
14 }
15 }
16 System.out.println("the max value in an array is:"+max);
17 }
18 }
PROBLEMS 3 OUTPUT DEBUG CONSOLE TERMINAL
PS F:\intern\src\pack1> cd..
PS F:\intern\src> javac -d ../class pack1/C.java
PS F:\intern\src> cd..
PS F:\intern> cd class
PS F:\intern\class> java pack1.C
the max value in an array is:13
PS F:\intern\class>
TIMELINE


File Edit Selection View Go Run Terminal Help
F.java - pack1 - Visual Studio Code
EXPLORER
PACK1
A.java 1
B.java 1
C.java 1
D.java 1
E.java 2
F.java 1
Untitled-1
A.java 1
B.java 1
F.java 1
F.java > F > main(String[])
Run | Debug
public static void main(String[] args)
int[] x ={12,3,5,7,2,1,13};
int mid=x.length/2;
int sum = 0;
for(int i=1; i<mid; i++)
sum+=x[i];
double avg=sum/mid;
System.out.println("the average of first half of an array is:"+avg);
sum=0;
avg=0.0;
for(int i=mid;i<x.length;i++)
sum+=x[i];
avg=sum/mid;
System.out.println("the average of second half of an array is:"+avg);
PROBLEMS 7
OUTPUT
DEBUG CONSOLE
TERMINAL
PS F:\intern\src> javac -d ../class pack1/F.java
PS F:\intern\src> cd..
PS F:\intern> cd class
PS F:\intern\class> java pack1.F
the average of first half of an array is:2.0
the average of second half of an array is:7.0
PS F:\intern\class>