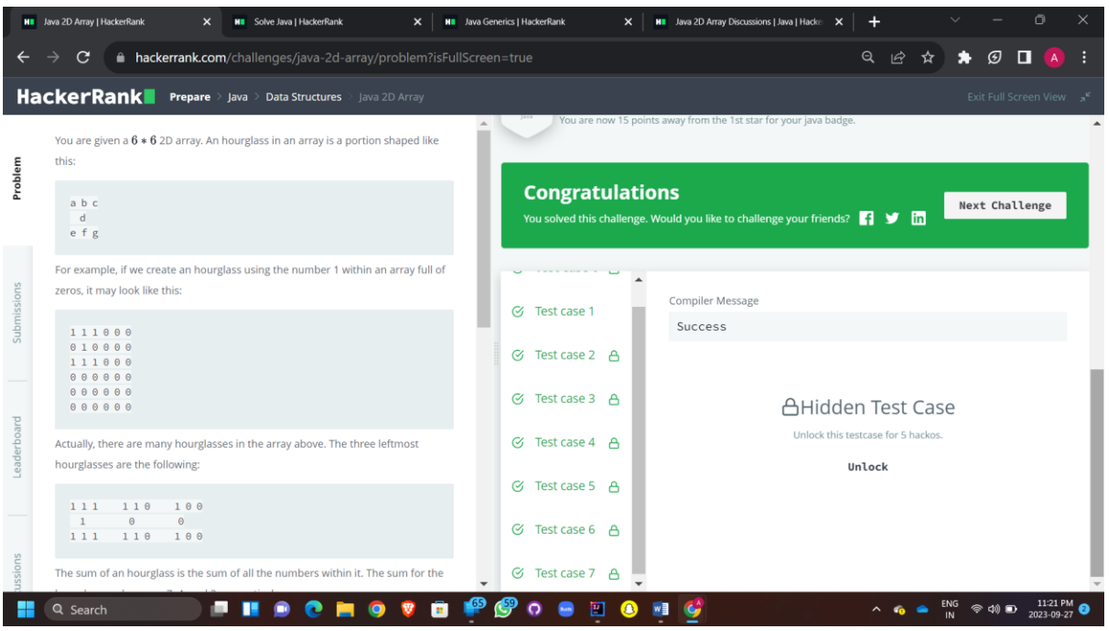
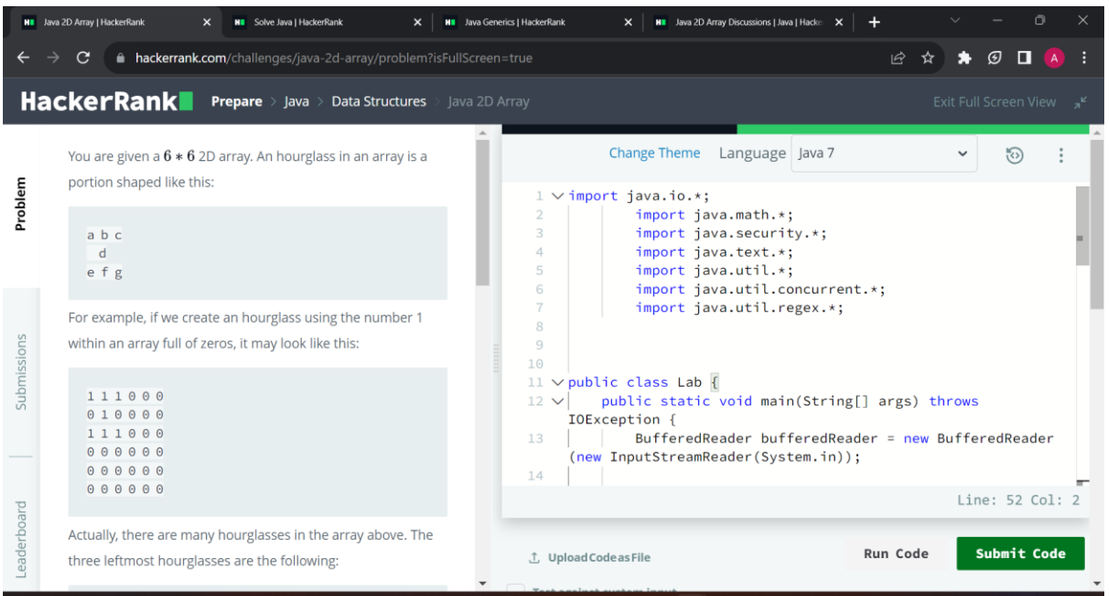
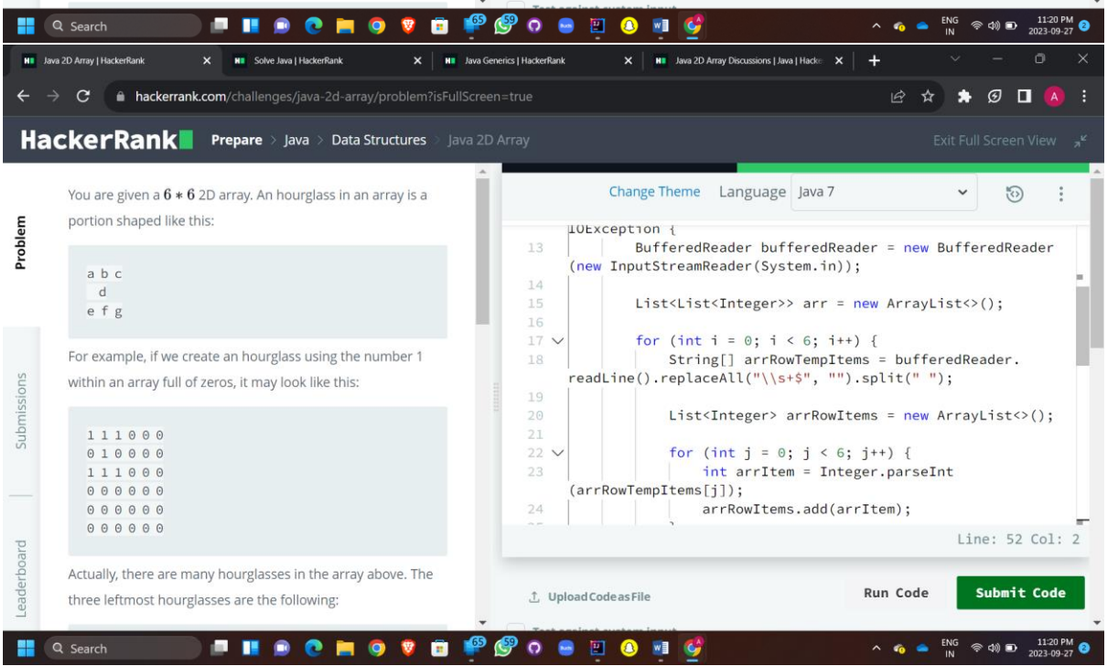
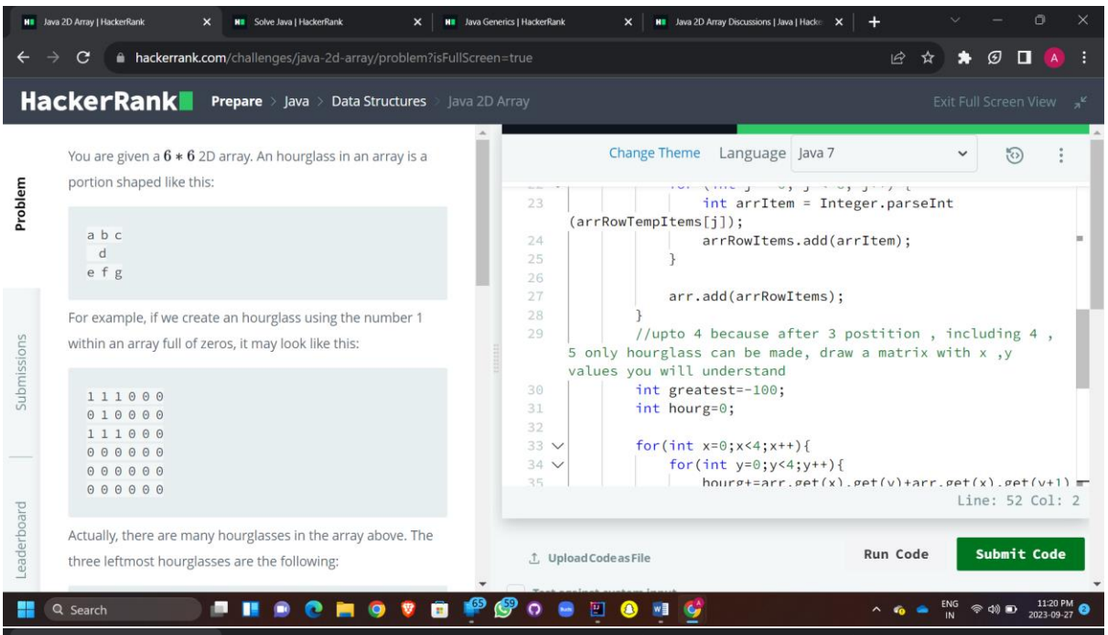
Git Hub Link: [Lab-5100/LabWork/src/Lab.java at main · amersuhail/Lab-5100 · GitHub]





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You are given a 6 * 6 2D array. An hourglass in an array is a portion shaped like this:
a b c
d
e f g
For example, if we create an hourglass using the number 1 within an array full of zeros, it may look like this:
1 1 1 0 0 0
0 1 0 0 0 0
1 1 1 0 0 0
0 0 0 0 0 0
0 0 0 0 0 0
0 0 0 0 0 0
Actually, there are many hourglasses in the array above. The three leftmost hourglasses are the following:
Change Theme
Language
Java 7
int arrItem = Integer.parseInt
(arrRowTempItems[j]);
arrRowItems.add(arrItem);
}
arr.add(arrRowItems);
}
//upto 4 because after 3 postition , including 4 ,
5 only hourglass can be made, draw a matrix with x ,y
values you will understand
int greatest=-100;
int hourg=0;
for(int x=0;x<4;x++){
for(int y=0;y<4;y++){
Line: 52 Col: 2
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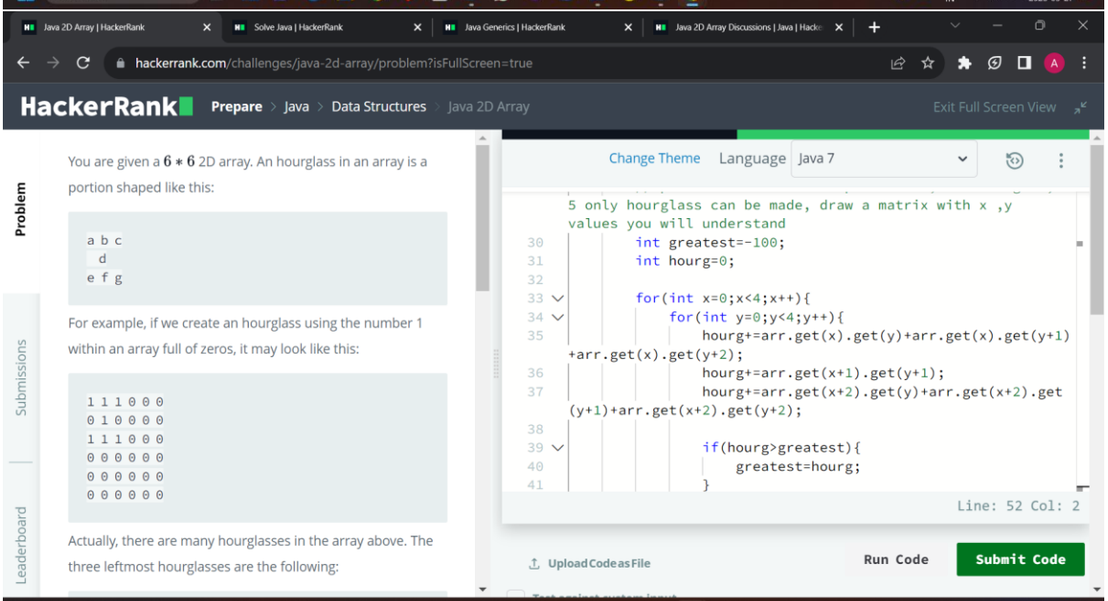
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Actually, there are many hourglasses in the array above. The three leftmost hourglasses are the following:
Change Theme
Language
Java 7
5 only hourglass can be made, draw a matrix with x ,y
values you will understand
int greatest=-100;
int hourg=0;
for(int x=0;x<4;x++){
for(int y=0;y<4;y++){
hourg+=arr.get(x).get(y)+arr.get(x).get(y+1)
+arr.get(x).get(y+2);
hourg+=arr.get(x+1).get(y+1);
hourg+=arr.get(x+2).get(y)+arr.get(x+2).get
(y+1)+arr.get(x+2).get(y+2);
if(hourg>greatest){
greatest=hourg;
}
Line: 52 Col: 2
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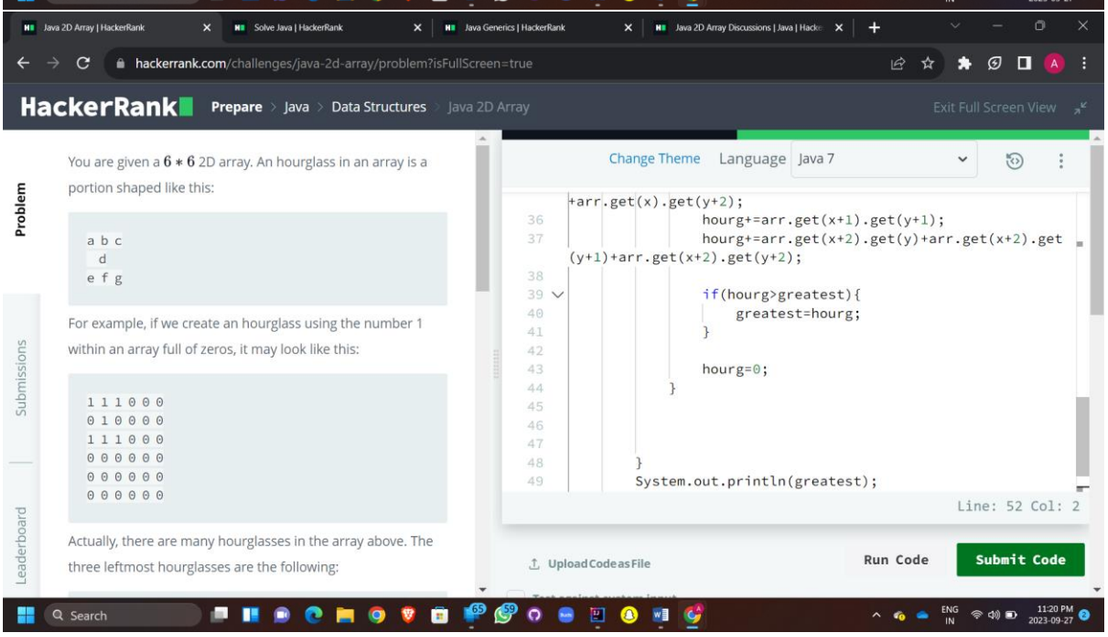
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+arr.get(x).get(y+2);
hourg+=arr.get(x+1).get(y+1);
hourg+=arr.get(x+2).get(y)+arr.get(x+2).get
(y+1)+arr.get(x+2).get(y+2);
if(hourg>greatest){
greatest=hourg;
}
hourg=0;
}
}
System.out.println(greatest);
Line: 52 Col: 2
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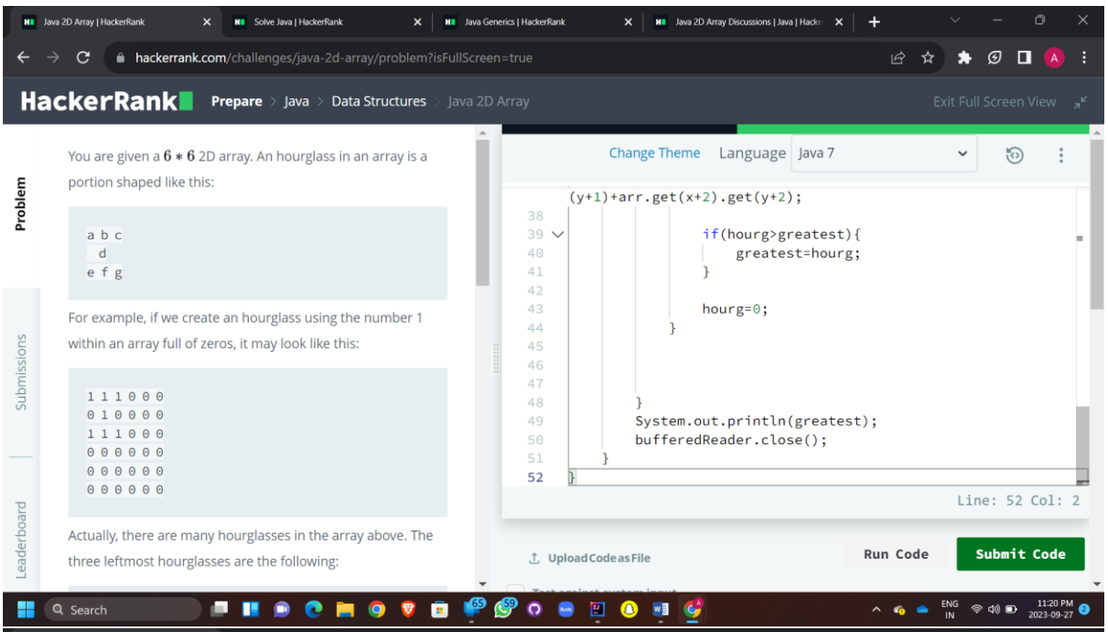
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0 0 0 0 0 0
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Change Theme
Language
Java 7
(y+1)+arr.get(x+2).get(y+2);
if(hourg>greatest){
greatest=hourg;
}
hourg=0;
}
}
System.out.println(greatest);
bufferedReader.close();
}
}
Line: 52 Col: 2
Upload Code as File
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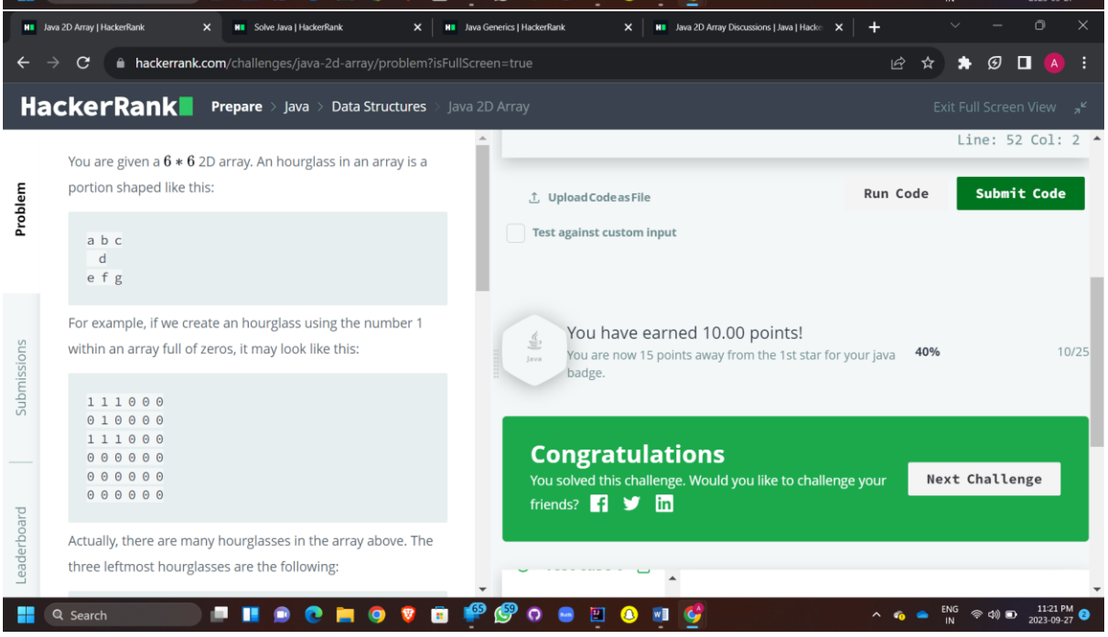
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0 0 0 0 0 0
0 0 0 0 0 0
Actually, there are many hourglasses in the array above. The three leftmost hourglasses are the following:
Line: 52 Col: 2
Upload Code as File
Run Code
Submit Code
Test against custom input
You have earned 10.00 points!
You are now 15 points away from the 1st star for your java badge.
40%
10/25
Congratulations
You solved this challenge. Would you like to challenge your friends?
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