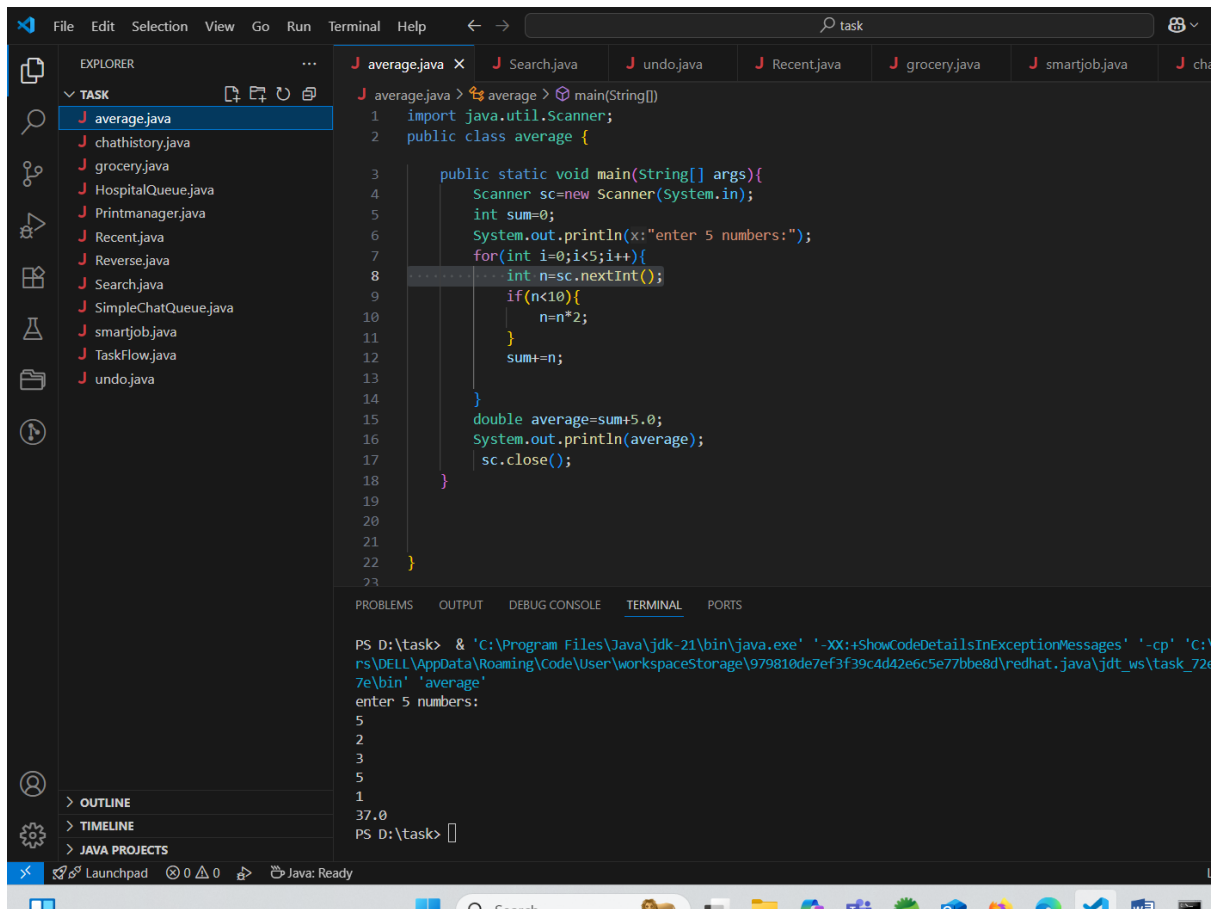


Collections



```
File Edit Selection View Go Run Terminal Help task
EXPLORER
TASK
average.java
chathistory.java
grocery.java
HospitalQueue.java
Printmanager.java
Recent.java
Reverse.java
Search.java
SimpleChatQueue.java
smartjob.java
TaskFlow.java
undo.java

grocery.java > grocery > main(String[])
2 public class grocery {
3     public static void main(String[] args){
4         Scanner sc = new Scanner(System.in);
5         System.out.println(x:"enter name:");
6
7         for(int i=0;i<4;i++){
8             String name=sc.nextLine() ;
9             if(name.length()%2==0){
10                 queue.addFirst(name);
11             }else{
12                 queue.addLast(name);
13             }
14         }
15     }
16 }

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

PS D:\task> & 'C:\Program Files\Java\jdk-21\bin\java.exe' '-XX:+ShowCodeDetailsInExceptionMessages' '-cp'
rs\DELL\AppData\Roaming\Code\User\workspaceStorage\979810de7ef3f39c4d42e6c5e77bbe8d\redhat.java\jdt_ws\task
7e\bin' 'grocery'
enter name:
swathi
potato
ginger
tomato
after process:
tomato
ginger
potato
swathi
PS D:\task>
```

```
File Edit Selection View Go Run Terminal Help task
EXPLORER
TASK
average.java
chathistory.java
grocery.java
HospitalQueue.java
Printmanager.java
Recent.java
Reverse.java
Search.java
SimpleChatQueue.java
smartjob.java
TaskFlow.java
undo.java

chathistory.java > ...
3 public class chathistory {
4     public static void main(String[] args) {
5         Scanner sc = new Scanner(System.in);
6         ArrayDeque<String> chat = new ArrayDeque<>();
7
8         System.out.println(x:"Enter messages:");
9
10        for (int i = 0; i < 5; i++) {
11            String message = sc.nextLine();
12
13            if (chat.size() > 4) {
14                chat.removeFirst();
15            }
16            chat.addLast(message);
17        }
18        System.out.println("Chat Box (last 4 messages):");
19        for (String msg : chat) {
20            System.out.println(msg);
21        }
22    }
23 }

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

PS D:\task> & 'C:\Program Files\Java\jdk-21\bin\java.exe' '-XX:+ShowCodeDetailsInExceptionMessages' '-cp'
rs\DELL\AppData\Roaming\Code\User\workspaceStorage\979810de7ef3f39c4d42e6c5e77bbe8d\redhat.java\jdt_ws\task
7e\bin' 'chathistory'
Enter messages:
Hi
Hello
done
bye
good night
Chat Box (last 4 messages):
Hello
done
bye
good night
PS D:\task>
```

