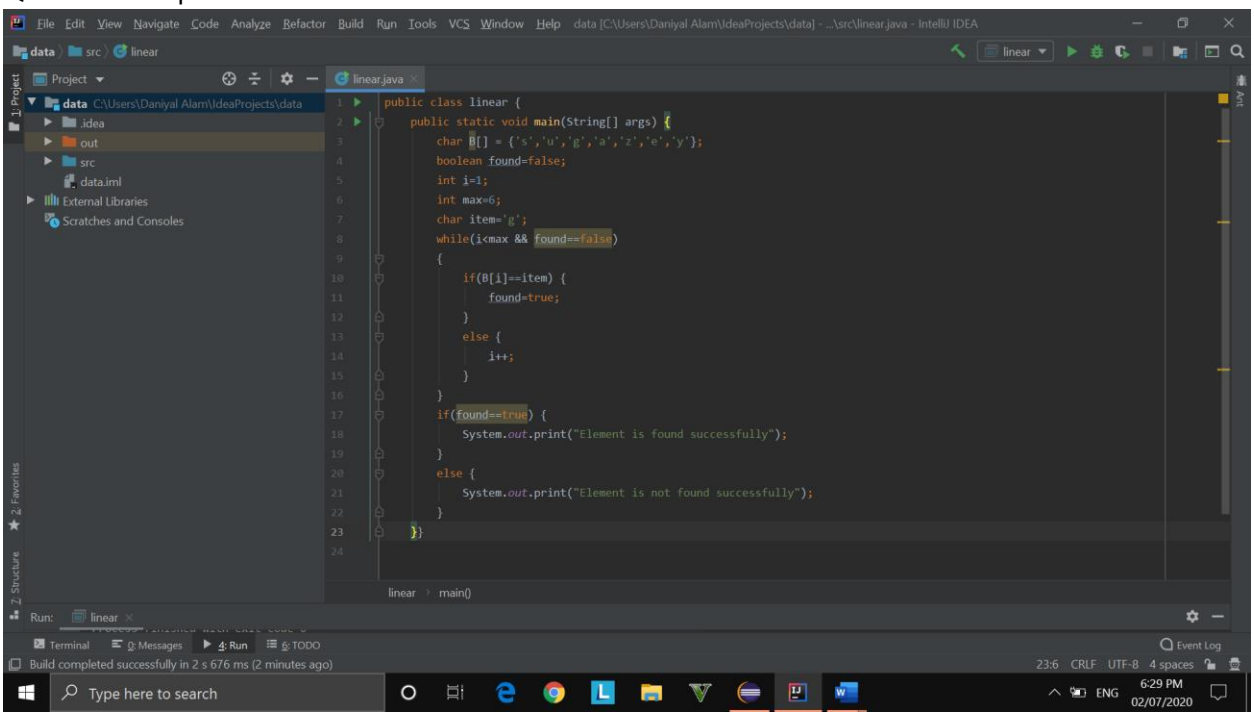
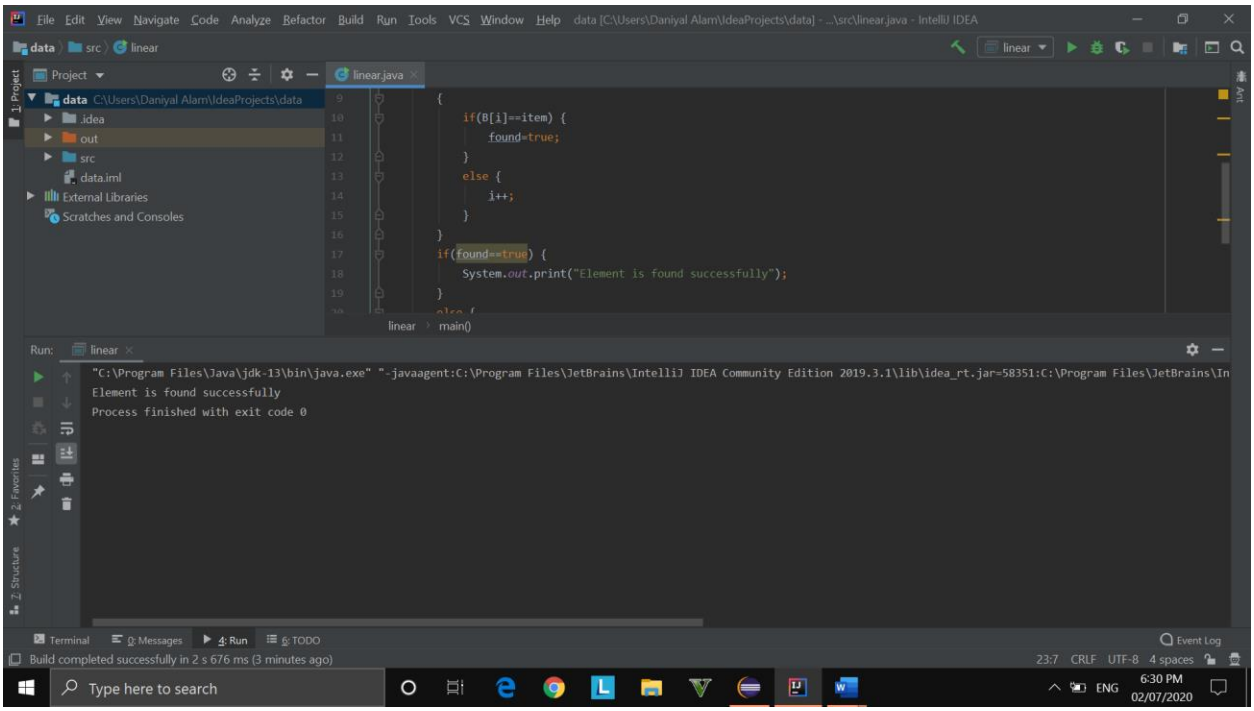
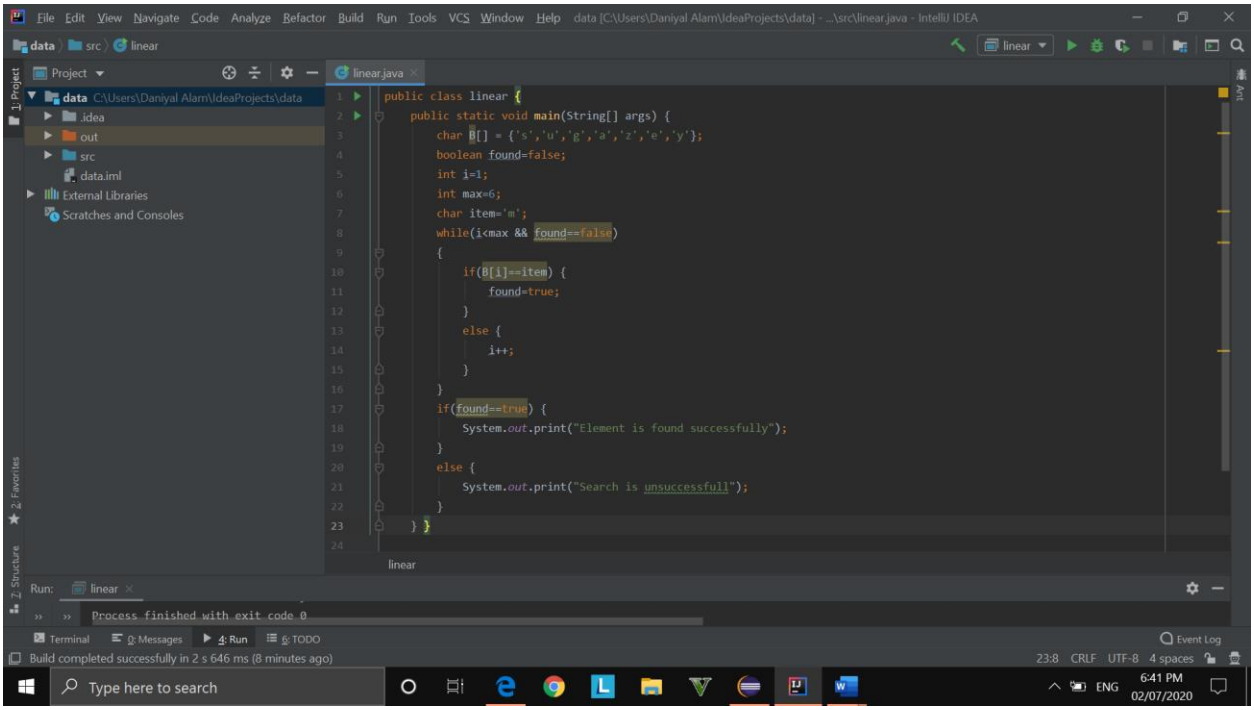
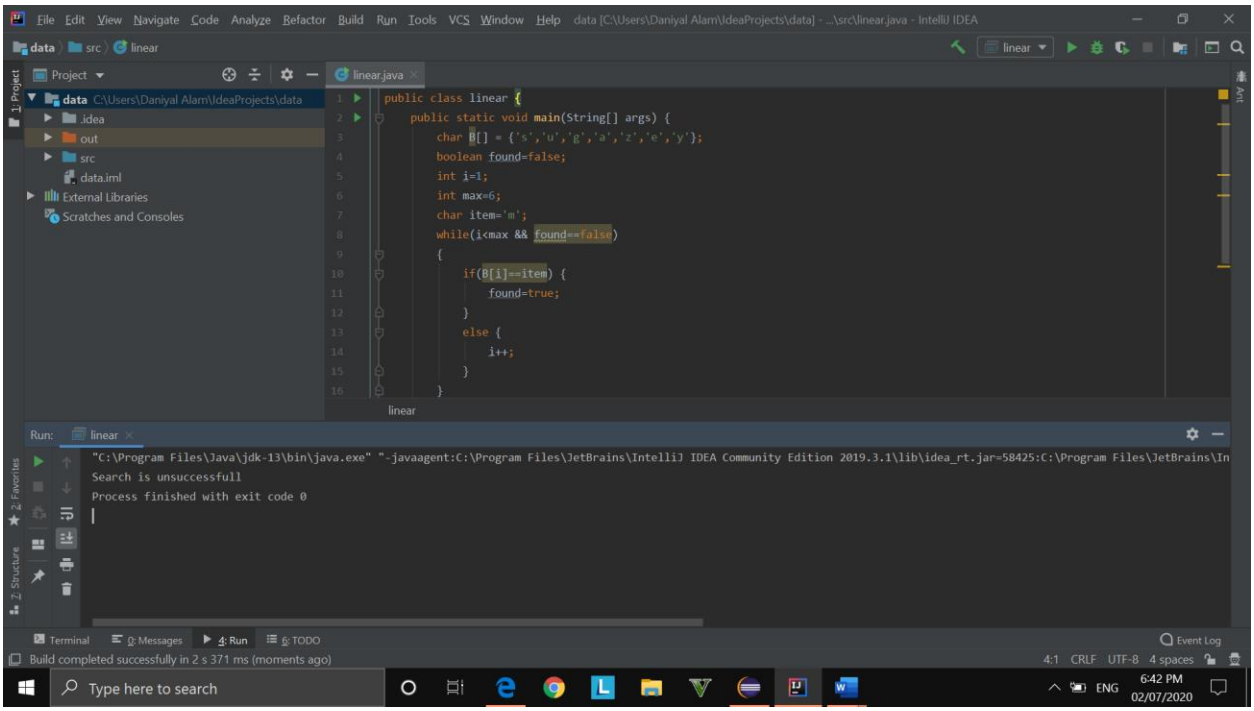
Question no 1 part ‘’a’’ with code and result.



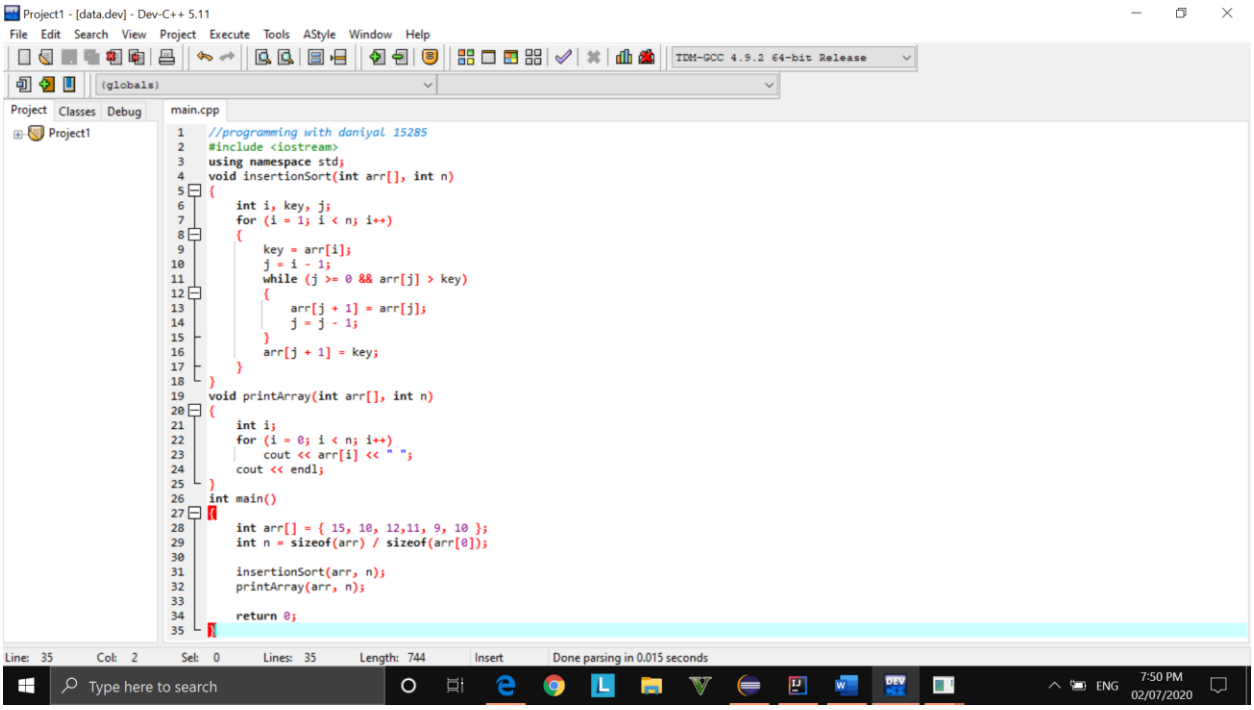

File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help data [C:\Users\Daniyal Alam\IdeaProjects\data] - ...\src\linear.java - IntelliJ IDEA
data src linear
linear
Project
linear.java
data C:\Users\Daniyal Alam\IdeaProjects\data
.idea
out
src
data.iml
External Libraries
Scratches and Consoles
{
if(B[i]==item) {
found=true;
}
else {
i++;
}
}
if(found==true) {
System.out.print("Element is found successfully");
}
linear main()
Run: linear
"C:\Program Files\Java\jdk-13\bin\java.exe" "-javaagent:C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2019.3.1\lib\idea_rt.jar=58351:C:\Program Files\JetBrains\In
Element is found successfully
Process finished with exit code 0
Terminal 0: Messages 4: Run 6: TODO
Event Log
Build completed successfully in 2 s 676 ms (3 minutes ago)
23:7 CRLF UTF-8 4 spaces
Type here to search
ENG
6:30 PM
02/07/2020

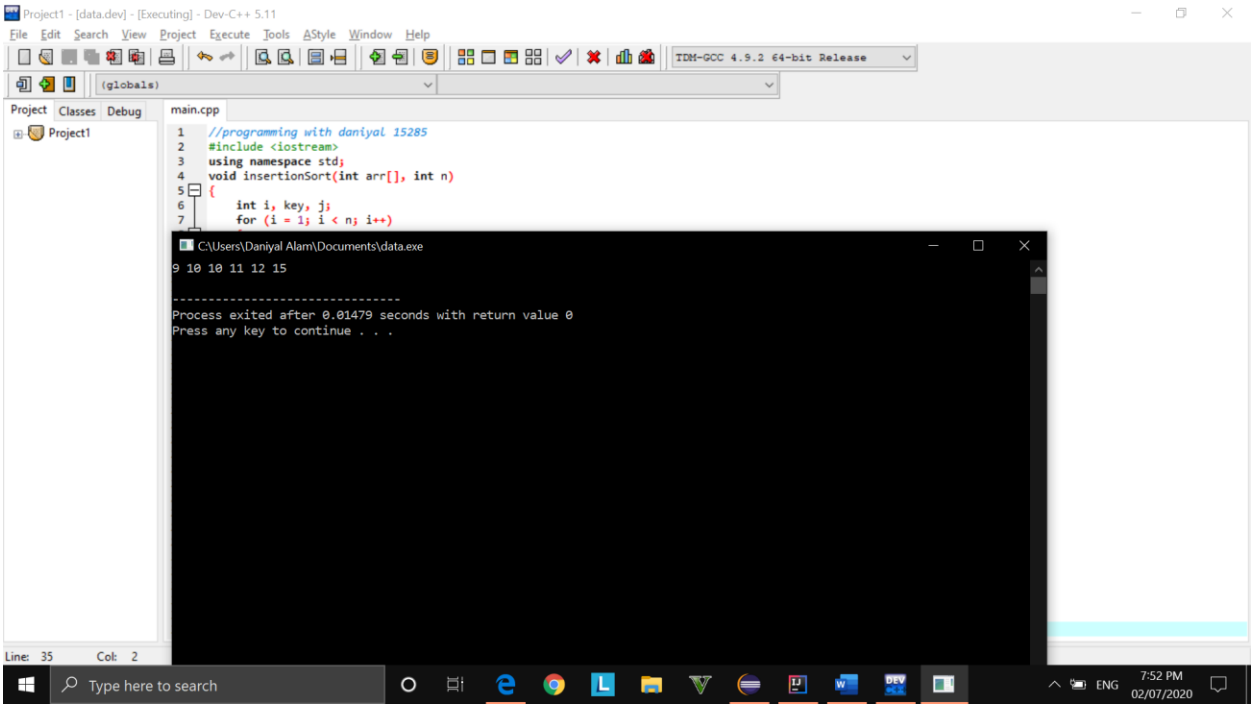
Question no 1 part ‘’b’’ with code and result.




File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help data [C:\Users\Daniyal Alam\IdeaProjects\data] - ...\src\linear.java - IntelliJ IDEA
data src linear
linear
Project
linear.java
data C:\Users\Daniyal Alam\IdeaProjects\data
.idea
out
src
data.iml
External Libraries
Scratches and Consoles
public class linear {
public static void main(String[] args) {
char B[] = {'s','u','g','a','z','e','y'};
boolean found=false;
int i=1;
int max=6;
char item='m';
while(i<max && found==false)
{
if(B[i]==item) {
found=true;
}
else {
i++;
}
}
linear
Run: linear
"C:\Program Files\Java\jdk-13\bin\java.exe" "-javaagent:C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2019.3.1\lib\idea_rt.jar=58425:C:\Program Files\JetBrains\In
Search is unsuccessfull
Process finished with exit code 0
Terminal
0: Messages
4: Run
6: TODO
Event Log
Build completed successfully in 2 s 371 ms (moments ago)
4:1 CRLF UTF-8 4 spaces
Type here to search
ENG
6:42 PM
02/07/2020

Question no 2 solved with code and result snapshots.




Project1 - [data.dev] - [Executing] - Dev-C++ 5.11
File Edit Search View Project Execute Tools AStyle Window Help
TDM-GCC 4.9.2 64-bit Release
(globals)
Project Classes Debug
Project1
main.cpp
1 //programming with daniyal 15285
2 #include <iostream>
3 using namespace std;
4 void insertionSort(int arr[], int n)
5 {
6 int i, key, j;
7 for (i = 1; i < n; i++)
C:\Users\Daniyal Alam\Documents\data.exe
9 10 10 11 12 15

Process exited after 0.01479 seconds with return value 0
Press any key to continue . . .
Line: 35 Col: 2
Type here to search
ENG
7:52 PM
02/07/2020