

```
1 "C:\Program Files\Java\jdk-18.0.2.1\bin\java.exe" "-  
  javaagent:C:\Program Files\JetBrains\IntelliJ IDEA  
  2022.2.1\lib\idea_rt.jar=55009:C:\Program Files\  
  JetBrains\IntelliJ IDEA 2022.2.1\bin" -Dfile.encoding  
  =UTF-8 -Dsun.stdout.encoding=UTF-8 -Dsun.stderr.  
  encoding=UTF-8 -classpath E:\Coding\OOP\ArrayList\out  
  \production\ArrayList Main  
2 1. Add  
3 2. Check  
4 3.Exit  
5 Choice: 1  
6 Add  
7 1.String  
8 2.Number  
9 1  
10 Enter a string:  
11 Madam  
12 [Madam]  
13 []  
14 1. Add  
15 2. Check  
16 3.Exit  
17 Choice: 1  
18 Add  
19 1.String  
20 2.Number  
21 1  
22 Enter a string:  
23 qwertyuiop  
24 [Madam, qwertyuiop]  
25 []  
26 1. Add  
27 2. Check  
28 3.Exit  
29 Choice: 1  
30 Add  
31 1.String  
32 2.Number  
33 2  
34 Enter a number:  
35 1234
```

```
36 [Madam, qwertyuiop]
37 [1234]
38 1. Add
39 2. Check
40 3.Exit
41 Choice: 1
42 Add
43 1.String
44 2.Number
45 2
46 Enter a number:
47 1234321
48 [Madam, qwertyuiop]
49 [1234, 1234321]
50 1. Add
51 2. Check
52 3.Exit
53 Choice: 1
54 Add
55 1.String
56 2.Number
57 2
58 Enter a number:
59 2
60 [Madam, qwertyuiop]
61 [1234, 1234321, 2]
62 1. Add
63 2. Check
64 3.Exit
65 Choice: 1
66 Add
67 1.String
68 2.Number
69 2
70 Enter a number:
71 3
72 [Madam, qwertyuiop]
73 [1234, 1234321, 2, 3]
74 1. Add
75 2. Check
76 3.Exit
```

```
77 Choice: 1
78 Add
79 1.String
80 2.Number
81 2
82 Enter a number:
83 567
84 [Madam, qwertyuiop]
85 [1234, 1234321, 2, 3, 567]
86 1. Add
87 2. Check
88 3.Exit
89 Choice: 1
90 Add
91 1.String
92 2.Number
93 2
94 Enter a number:
95 97
96 [Madam, qwertyuiop]
97 [1234, 1234321, 2, 3, 567, 97]
98 1. Add
99 2. Check
100 3.Exit
101 Choice: 2
102 Even: 1234
103 Even: 2
104 Total Even numbers: 2
105 Odd:1234321
106 Odd:3
107 Odd:567
108 Odd:97
109 Total Odd numbers: 4
110 Prime: 2
111 Prime: 3
112 Prime: 97
113 Total Primes: 3
114 Not Prime: 1234
115 Not Prime: 1234321
116 Not Prime: 567
117 Total Non Primes: 3
```

```
118 Madam is not a Pallindrome
119 qwertyuiop is not a Pallindrome
120 1. Add
121 2. Check
122 3.Exit
123 Choice: 3
124 1. Add
125 2. Check
126 3.Exit
127 Choice:
```