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"C:\Program Files\Java\jdk-19\bin\java.exe" "-javaagent:C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2022.2.3\lib\idea_rt.jar=52177:C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2022.2.3\bin" -Dfile.encoding=UTF-8 -Dsun.stdout.encoding=UTF-8 -Dsun.stderr.encoding=UTF-8 -classpath F:\lab7\target\classes org.example.Main
```

*****PART1 RESULTS*****

Bellow is a sorted list of employees details

Arno 93892677

Rivest 171743618

Goodwin 196681023

Prim 207542939

Ted 244679508

Rivest 262809204

Leif 311050476

Brittain 401343068

Glenbard 451431014

Uribe 484774148

Gaston 485199816

Brittain 560470736

Yong 608192452

Paine 804002630

Rivest 836442580

Edward 977162711

Reince 1005856211

Jessup 1074064033

John 1109982808

Daniele 1316863505

Nicolai 1342835528

Daniele 1344800251

Ida 1370816203

Sebastian 1417016681

Brittain 1470169132

Uribe 1495098740

Saville 1641349561

Kent 1759752876

Juan 1785450388

Royce 1905341731

Employee found at index: 29

*****PART 2 RESULTS*****

Infix Expression is $1+3*8$

Postfix Expression is $138*+$

Evaluation is 25

Infix Expression is $8-3-4*6+3$

Postfix Expression is $83-46*-3+$

Evaluation is -16

Infix Expression is $8-2+8/4+6-1-6/2$

Postfix Expression is $82-84/+6+1-62/-$

Evaluation is 10

*****PART3 RESULTS *****

Enter a string to check if it's a palindrome

12321

The input 12321 is a palindrome.

Process finished with exit code 0