**Question 1: Print a list of prime numbers between 100 to 200. (5 marks)**

1. **On pyspark shell, the primeornot function is defined and called for every number from 100 till 200 to check whether prime or not. For every number, we check whether factors are present or not. Based on True or False is returned to print the number**.

Graphical user interface, text, application

Description automatically generated

1. Other method is to import “sympy” library which has in-built “sympy.isprime(number)” method.

Graphical user interface, text, application, email

Description automatically generated

1. We simply use the in-built function to check whether prime or not.

Graphical user interface, text, application, Word

Description automatically generated

**Link**: <https://databricks-prod-cloudfront.cloud.databricks.com/public/4027ec902e239c93eaaa8714f173bcfc/3166984684234423/2287749801263725/8643682393510715/latest.html>