* ***Java Scanner***

*Scanner class in Java is found in the java.util package. Java provides various ways to read input from the keyboard, the java.util.Scanner class is one of them. By the help of Scanner in Java, we can get input from the user in primitive types such as int, long, double, byte, float, short, etc.* *The Java Scanner class provides nextXXX() methods to return the type of value such as nextInt(), nextByte(), nextShort(), next(), nextLine(), nextDouble(), nextFloat(), nextBoolean(), etc. To get a single character from the scanner, you can call next().charAt(0) method which returns a single character*

* ***Flush and Close.***

***flush****() writes the content of the buffer to the destination and makes the buffer empty for further data to store but it does not****closes****the stream permanently. That means you can still write some more data to the stream. But****close****()* ***closes****the stream permanently.*

* ***If I want to read huge data file in java which class is preferred.***

*if the file contains binary data, then using BufferedReader would be a big mistake (because you would be converting the data to String, which is unnecessary and could easily corrupt the data); you should use a BufferedInputStream instead. If it's text data and you need to split it along linebreaks, then using BufferedReader is OK*

* ***How to create excel file and pdf in java.***

*As java doesn't have support for reading and creating excel files so we need to use a third-party library to generate one which is provided by Apache as Apache POI.*

*POI has two implementations one for HSSF(Horrible SpreadSheet Format) and another for XSSF(XML SpreadSheet Format).*

***To create an excel file*** *we need to create an instance of WorkBook which is an interface, it has two implementation classes one for****xls (HSSFWorkbook)****and another for****xlsx format (XSSFWorkbook)****.*

Workbook workbook = **new** XSSFWorkbook();

Sheet sheet = workbook.createSheet("Studentinfo");

*You can create a PDF file using the PDF Box library. We have to download PDF jar files and then add it to our project.*