Lovely Professional University

Instructions to be followed for :

- Code and output must be there in screenshot as well as
- (Name, class, rollno, course code, set of question paper) should be there in source code.
- Handwritten assignment will not be accepted.
- Set (A) will be done by odd roll no and set (B) will be done by even roll no .
  Same has been mentioned on question paper.
- Path to upload – UMS<LMS<PRACTICAL
- Last submission Date 9-feb-2022.
- In announcement attachment kindly find your question paper. Same will be available on UMS<LMS< Academic Task <READING MATERIAL.

CAP281:OBJECT ORIENTED PROGRAMMING-LABORATORY

Section: D2104   Online Assignment 1

Set A (ODD Roll NO) Max: 30Marks

Q1) Create a calculator using different operators ?   10Marks

Q2) Check Whether Number is Even or Odd using ternary operators and then making same

as a function derived datatype ?   10Marks

Q3) Create an array having STRING "MANKIND IS A SERVICE TO GOD ".use it to represent

concept of array derived datatype with the help of arithmetic operators ? 10Marks

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CAP281:OBJECT ORIENTED PROGRAMMING-LABORATORY

Section: D2104   Online Assignment 1

Set B (Even Roll.no)   Max: 30Marks

Q1) Create Program to calculate MEAN , MODE , MEDIAN using different operators ?
                                                                 10Marks
Q2) Create an array having STRING "Humanity First ".use it to represent concept of array
derived datatype with the help of all arithmetic operators ?
                                                                 10Marks

Q3)Rewrite the same code using ternary operator ?

```
String grade;
if(marks >= 90) {
```

```
grade = "A";
} else if( marks >= 80 ) {
grade = "B";
} else {
grade = "C";
}
```

10Marks