

Lab Assignment 3

Note:

- Introduce the students with different kind of mathematical operators
- Introduce the utilization of assignment operator
- Explain different kind of escape sequences

1. WAP to practice math functions such as `sin()`, `cos()`, `log()`, `pow()`, `sqrt()` etc. by including `<math.h>` header file.
2. WAP to find roots of a quadratic equation (for $D \geq 0$ case).
3. WAP to format console output using `'\n'`, `'\t'`, `'\b'`, `'\"'`, `'\\'`, `'/'`, `'\"'`, `'\r'`, `'\a'` within `printf` statement.
4. WAP to implement assignment operators such as `+=`, `-=`, `*=`, `/=`, `%=` etc.
5. WAP to shift left and shift right operators (`>>` and `<<`). Ask the application of this operator to your lab instructor.
6. WAP to utilize ternary operator (`?:`). (For example: To find whether the given number is odd or even)