

GLS University
Faculty of Computer Applications and Information Technology
Integrated Msc(IT)
Semester - III
221601301 Object Oriented Programming
Practical Assignment – 5 (Unit IV)

1. Write a program to input n integer numbers and display highest and second highest number. Also handle the different exceptions possible to be thrown during execution.
2. Write a program to take a two values from user and illustrate Division by Zero Exception.
3. Write a program to take array values from user and illustrate array index out of bound exception.
4. Write a C++ program which asks the user to input a number which should be greater than equal to zero and should be less than to 100, If not raise an exception.
5. Write a C++ program to perform arithmetic operations on two numbers and throw an exception if the dividend is zero or does not contain an operator.
6. Write a C++ program to accept an email address and throw an exception if it does not contain @ symbol.
Write a C++ program to take a account no, balance and withdraw amount. If amount is less than balance then raise an exception.
7. Note : If exception is raised, user need to enter withdraw amount again till the exception resolves.
8. Write a program to explain the concept of multiple catch statements on above program.
9. Write a C++ program to input a age from user, If age is greater than 18 then eligible for licence otherwise raise an exception and provide a appropriate message.
10. Write a C++ program to create a method that takes an integer as a parameter and throws an exception in another function if the number is odd.
10. Write a C++ program that reads a list of integers from the user and throws an exception if any numbers are duplicates.
11. Write a C++ program to create a method that takes a string as input and throws an exception if the string does not contain vowels.
12. Write a C++ program to take a value from user and check the number is armstrong or not, If not than raise an exception.