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| *A close up of a logo  Description automatically generated* | *DEPARTMENT OF COMPUTER ENGINEERING* |

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| Semester | S.E. Semester III – Computer Engineering |
| Subject | Object Oriented Programming Using Java (Skill Based Lab) |
| Subject Professor In-charge | Prof. Indu Anoop |
| Laboratory | Online Lab |

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| Student Name | Trisha Shah | |
| Roll Number | 20102A0004 | |
| Grade and Subject Teacher’s Signature |  |  |

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| Experiment | 12 | |
| Problem Statement | WAP for Exception Handling | |
| Resources / Apparatus Required | Hardware: Computer System | Software: jdk 1.8, Eclipse / Notepad++/IntelliJ IDEA |
| Details | Exception: Exception is any unwanted or unexpected event which occurs during the execution of a program that disrupts the normal flow of the program. When the programmer does something (use of try –catch block) to handle the exception then it is called exception handling.  Types of Exception: Checked and Unchecked Checked exception (Compile Time Exception)Unchecked exception (Runtime Exception) | |
| Code | class AgeException2 extends RuntimeException{    AgeException2(){  super("You are under age");  }  public AgeException2(String message) {  super(message);  }  }  public class VoterExceptionHandlingRuntime {  public static void main(String[] args) {  int age=16;  try {  if(age<18) {  throw new AgeException2();  }  else {  System.out.println("You can vote");  }  }  catch(AgeException2 e) {  e.printStackTrace();  }  System.out.println("Hello");  }  } | |
| Output |  | |
| Conclusion | Thus students could explore exceptions in the program | |