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Date: 14/09/23 EXPERIMENT NO. 10 Roll No .: B037 AIM: To create a wer defined exception class. THEORY: * Lustom Exception > In gava, custom exceptions allow developers to create their own exception classes tailored to specific application sequirements. by extending existing exception classes developers can create sustom exception hierarchies. > tustom exceptions unhance code readability and enable developers to handle specific orror scenarious more precisely. Jo weak a custom exception developers define a new class that extends inception or any of its subclasses.

They can add additional fields and methods to provide more context about the exception

Sundaram

Output: exception occurred Age less than 18 you cannot to make a men defined explien class. dividens to could their Wife application gion everytion classes bailored to bustien exceptions inhance and readability and walste

PROGRAM 1: class Invalid Age Exception entends Exception Invalid Age Enception (String s) static void validate (int age) throws Invalid Agrésception throw new InvalidAge Enception ("Age less than 18, System. cut. println ("Welcome to voting"); public static void main (String args []) validate (17); FOR EDUCATIONAL USE (Sundaram)

Output: Enception occurred Roll No cannot be negative class Invalid Age Encyclon entends Enception Invalid Age Enception (Stori) super(s); dass Main System eut prink ("Welcome to voting"); public static void main (String ango [])

catch (Exception e) System out. println ("exception occured "+e.get-Message ()); PROGRAM 2: class Invalid Roll Exception extends Exception Invalidhall Enception (String s) validate (int roll) throws Invalid toll Enception throw new Invalid Roll Enception (" Roll No. Cannot

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System.out.println ("Valid roll no."); public static void main (String args[]) validate (-12); System.out.println ("Exception occured"+ e. get-Message()); PROCEDURE; Step 1: Start Step 2: Open Notepad Step 2. Write the code Step 4: Compile the code in command prompt. Step 5: Run the code in command prompt. Step 6: Check the output: Step 1. Stop

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