public class StationNotAvailableException extends Exception{ public StationNotAvailableException(String s) { super(s);} }

import java.util.Scanner; public class UserInterface { public static void main(String[] args) { Scanner sc = new Scanner(System.in); System.out.println("Scan the radio station"); float freq = sc.nextFloat(); Validator v=new Validator(); try { v.validateStation(freq); System.out.println("Radio Station on!"); }catch (StationNotAvailableException ex) { System.out.println(ex.getMessage()); } } }

public class Validator { public static boolean validateStation(float freq) throws StationNotAvailableException { boolean flag = false; if (freq == 91.2f || freq == 93.5f || freq == 98.9f || freq == 109.4f) flag = true; else{throw new StationNotAvailableException("Radio Station not available"); }return flag;}}