   
 **Informatics Institute of Technology**

Department Of Computing

BSc (Eng) Software Engineering

**Module: Programming Principles 1**

**Module Leader:-Mr.Saman Hettiarachchi**

**☺ Date of Submission : 17th April 2020**

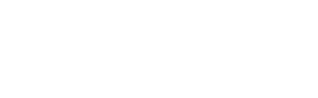
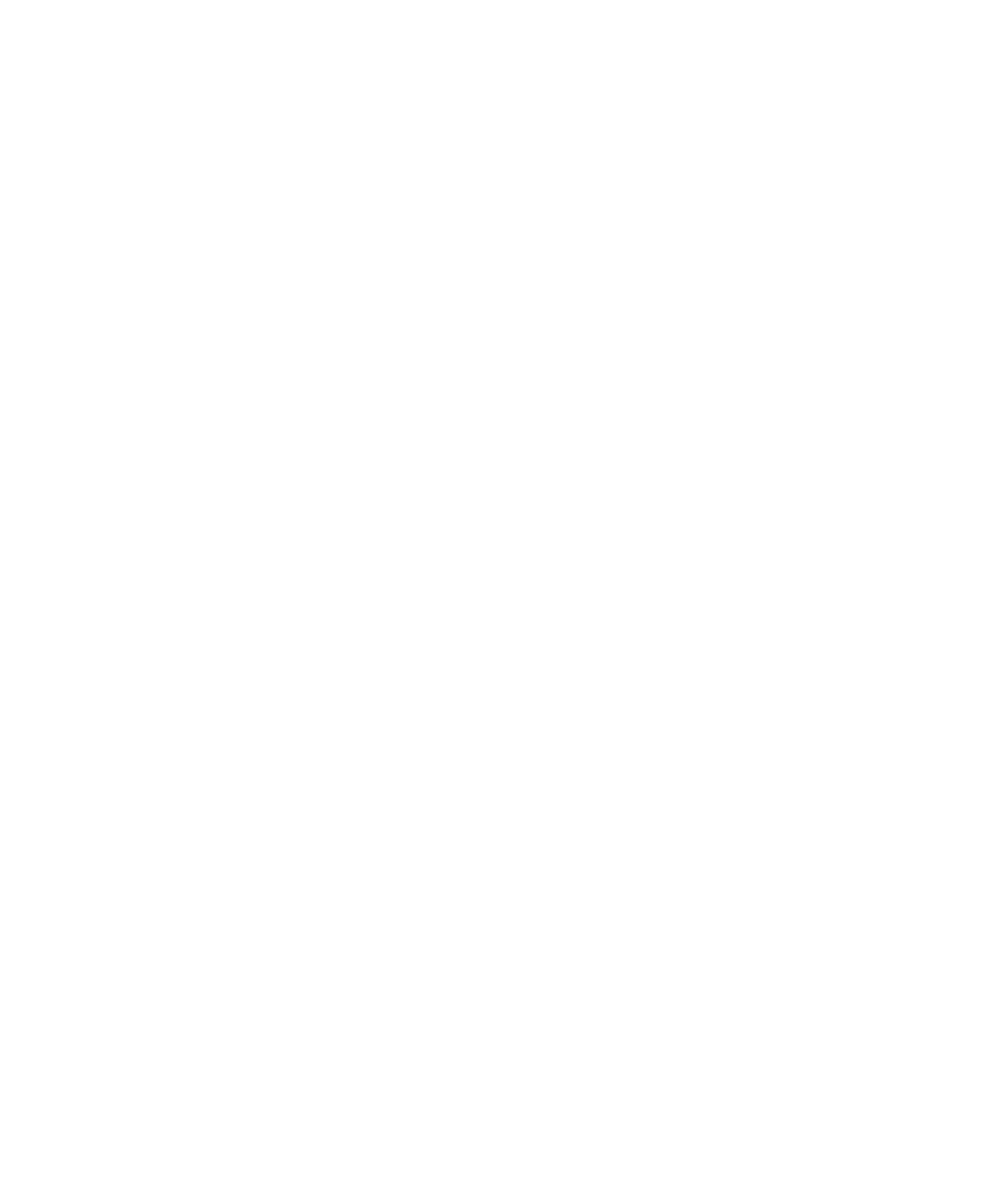
**☺ Student ID : 20191198**

**☺ Student UoW ID : W1790329**

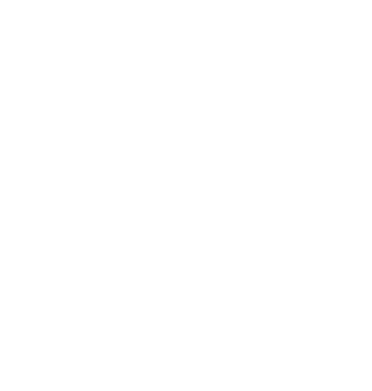
**☺ Student First Name : Deshan**

**☺ Student sur Name : Pathiranawasam**

**Student Version ( mark() function )**



**def mark()**



**IF**

**markPass%20==0**

**AND**

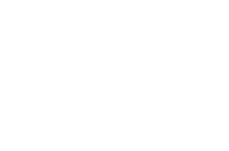
**markDefer%20==0**

**AND**

**fail\_mark%20==0**



**A**



**PRINT**

**“Range**

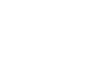
**Error”**



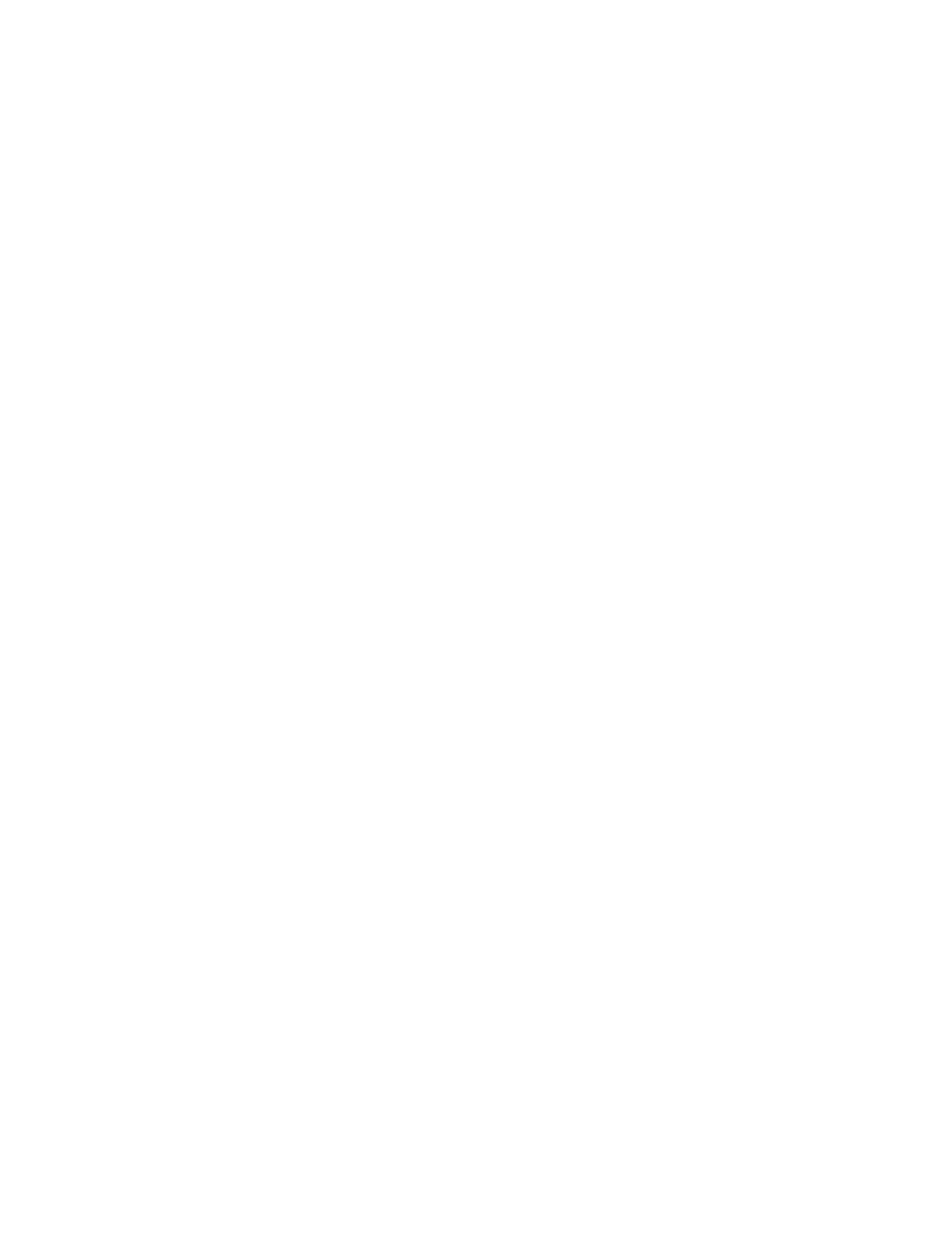
**NO**



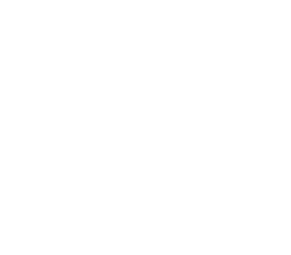
**YES**



**B**



**A**



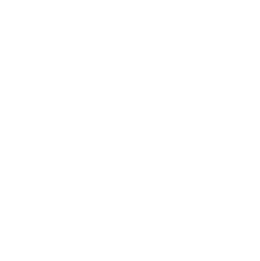
**IF**

**markPass +**

**markDefer +**

**+**

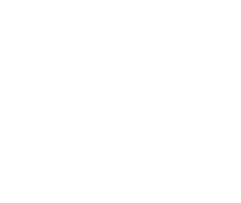
**fail\_mark ==120**



**PRINT**

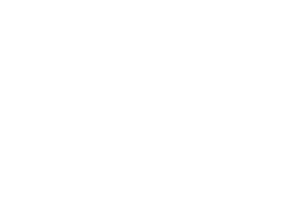
**“Total**

**Incorrect”**



**IF**

**markPass==120**

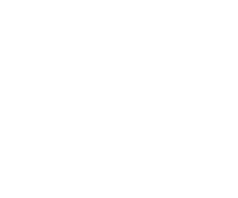


**PRINT**

**“**

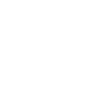
**Progress**

**”**

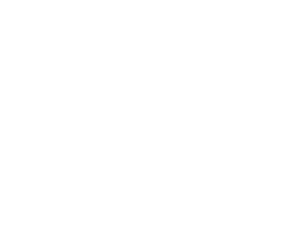


**IF**

**markPass==100**



**A**



**PRINT**

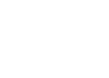
**“Progress**

**-**

**Module Trailer”**



**B**



**B**



**YES**



**NO**



**YES**



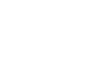
**NO**



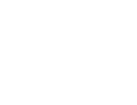
**NO**



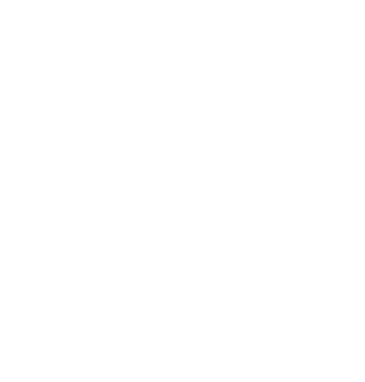
**YES**



**A**



**A**



**IF**

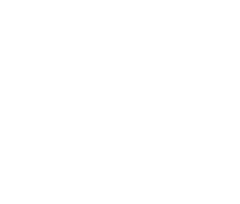
**markPass<100**

**AND**

**markPass+**

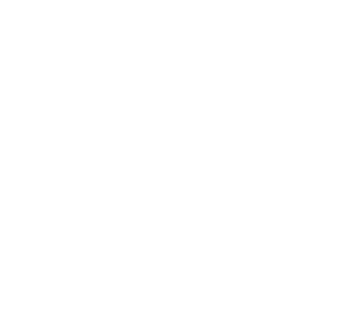
**markDefer<**

**fail\_mark**



**PRINT**

**“Exclude”**



**PRINT**

**“**

**Do not**

**Progress**

**-**

**Module Retriever**

**”**



**return**



**YES**



**NO**



**B**

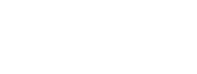
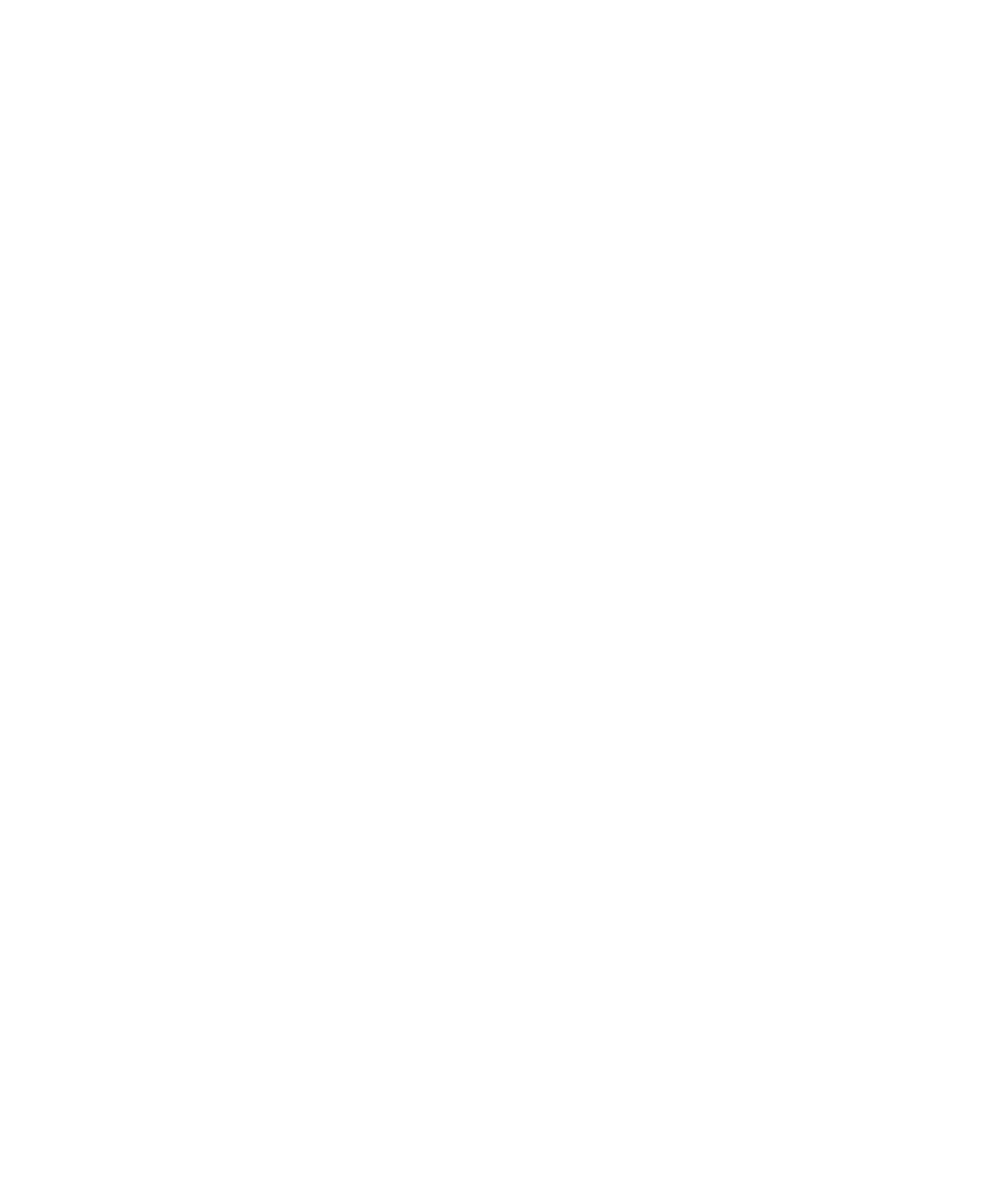


**B**

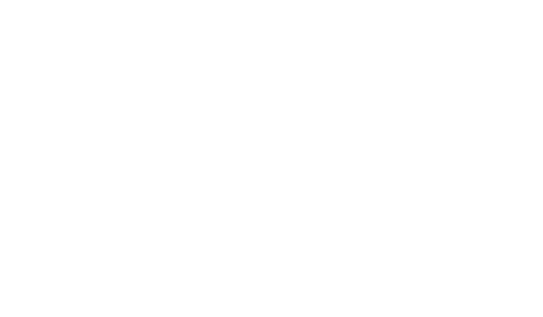


**B**

**Student version (Main flowchart)**



**START**

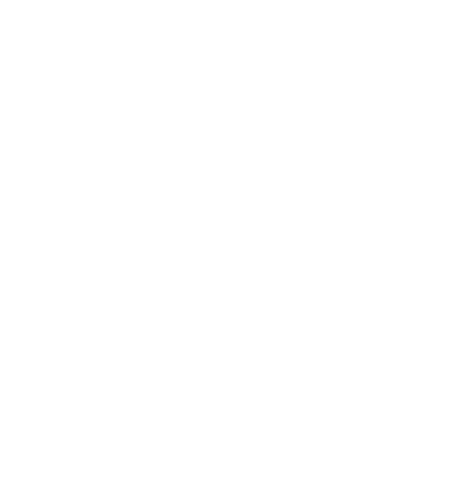


**Initializing variables**

**markPass=0**

**markDefer=0**

**fail\_mark=0**

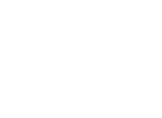


**INPUT**

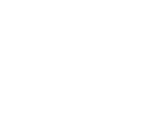
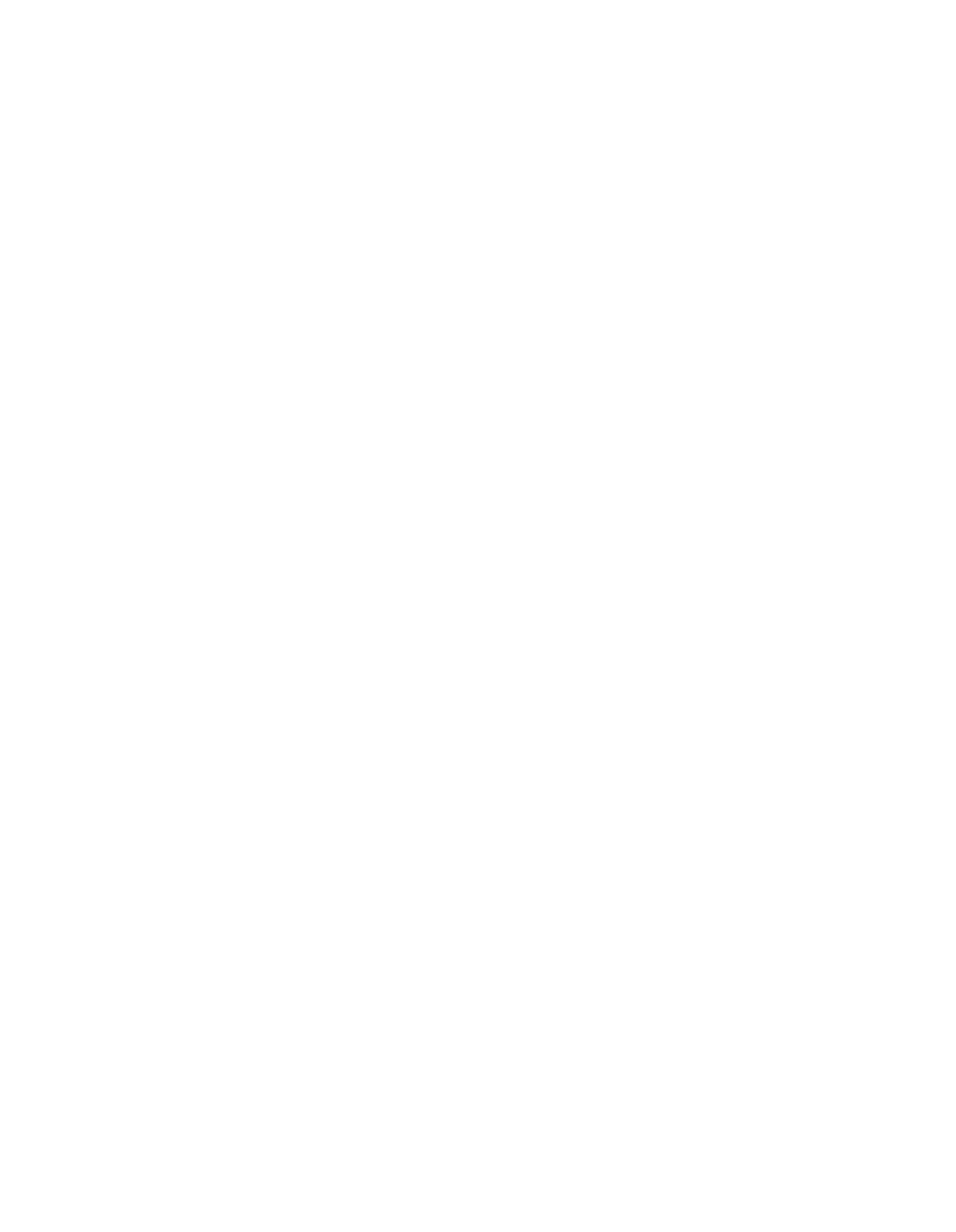
**markPass**

**markDefer**

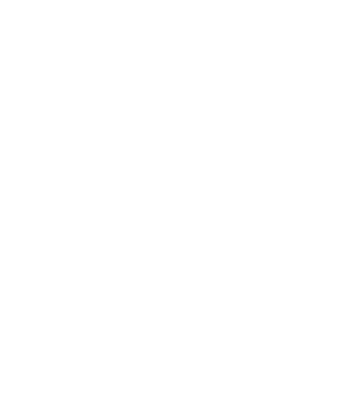
**fail\_mark**



**A**



**A**



**IF**

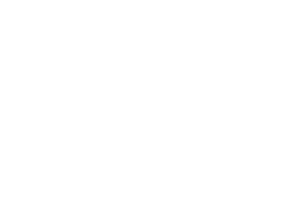
**markPass=int**

**AND**

**markDefer=int**

**AND**

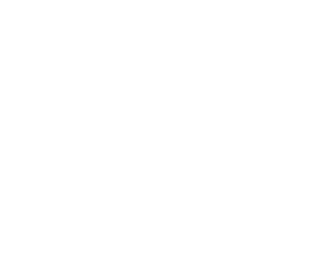
**fail\_mark=int**



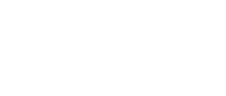
**PRINT**

**“Integer**

**Required”**



**Mark()**



**END**



**YES**



**NO**

## Principles I

# 

# 