



Cairo University, Faculty of Computers  
and Artificial Intelligence

# **FACULTY OF COMPUTERS AND AI, CAIRO UNIVERSITY**

## **First Semester CS213: OOP**

### **Assignment 2 Task 3**

**Course Instructors:**  
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### **Prepared By:**

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# Class Diagram:

Register
arr: string[16]
setval(int,string):void register() getval(int):string

memory
arr:string[256]
memory() setval(int,string):void getval(int):string

Machine
m:Memory r:Register
load_file(string)void execute_command(string):void run_program():void printmem():void printreg():void

## Work Break-Down Table

Names	IDs	Tasks
Belal Youness	20220087	Machine.
Mohamed Gamal	20221119	Register , DtH() , HtD(), Printreg().
Mohamed Islam	20220282	Memory , Main() , Fileloaded(), Printmem().