



Digital Design Verification

Assignment # 04

Friend class and friend functions, Lambdas

Submitted by:

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Instructor:	Hira Sohail

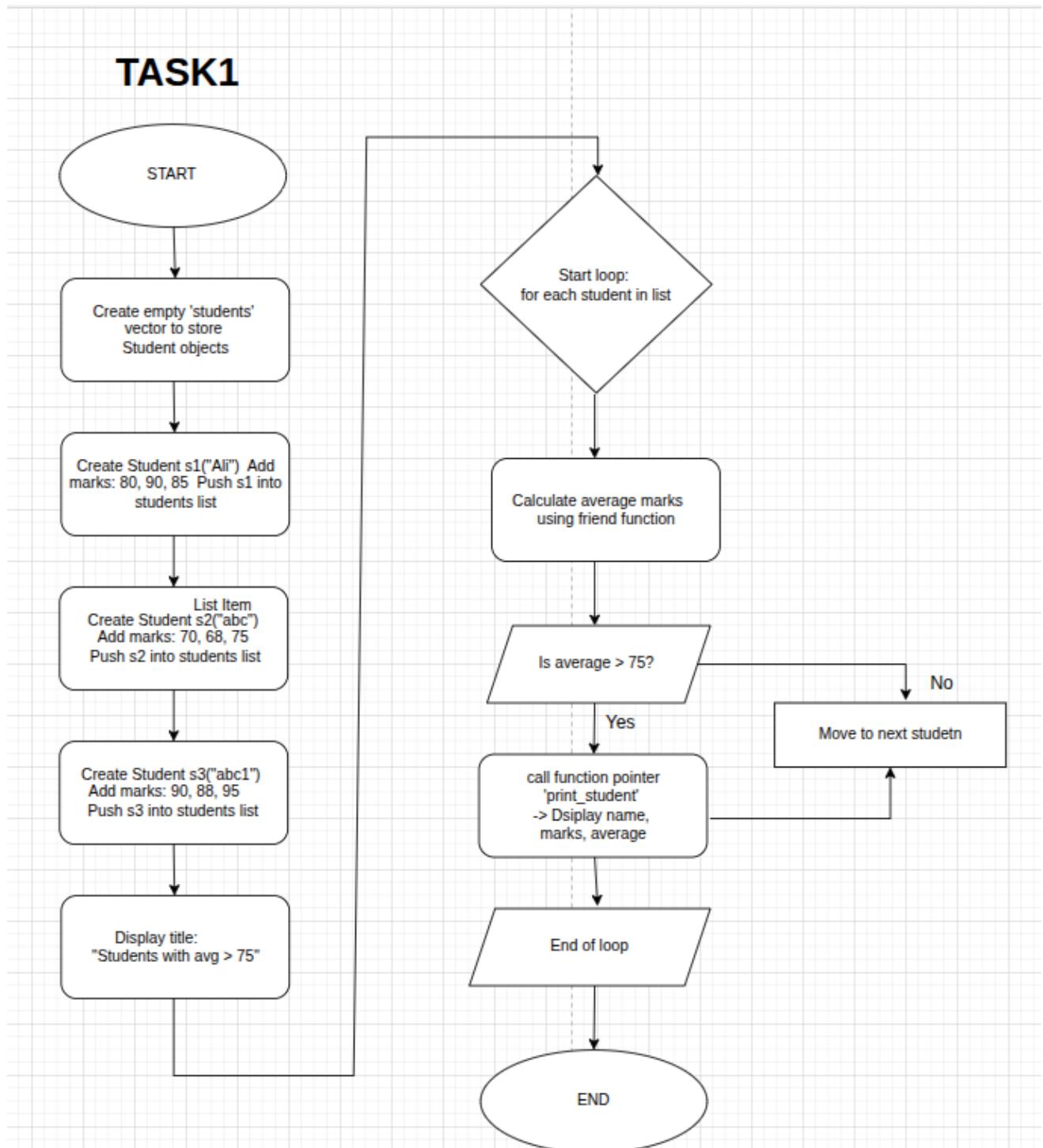
Date:
July 26, 2025

NUST Chip Design Centre (NCDC), Islamabad, Pakistan



TASK # 01:

Flow Chart:





TERMINAL OUTPUT:

```
● khalilrehman@khalilrehman-ThinkPad-T14-Gen-1:~/Documents/C++/Assignment#4$ g++ task1.cpp -o task1
● ^[[Akhalilrehman@khalilrehman-ThinkPad-T14-Gen-1:~/Documents/C++/Assignment#4$ ./task1
Students with average marks > 75:
Name: Ali
Marks: 80 90 85
Average: 85

Name: Ahmed
Marks: 90 88 95
Average: 91
○ khalilrehman@khalilrehman-ThinkPad-T14-Gen-1:~/Documents/C++/Assignment#4$ █
```