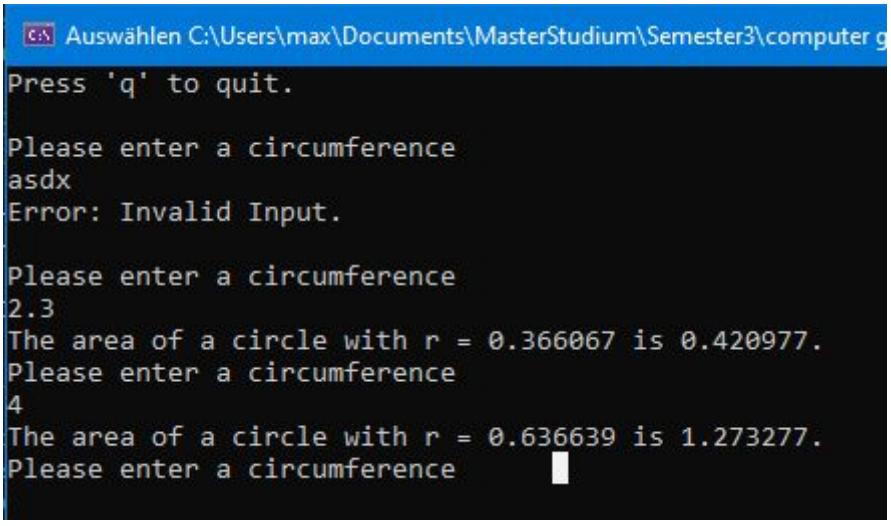
Exercise Sheet 1

group members

Dennis Becker	3497351
Julian Gröger	3542588
Amrit Kaur	3532964
Maximilian Legnar	3544557

Assignment 1.1

sample input/output



Assignment 1.2

sample input/output

```
Please choose action:
Enter 1 to add mesh object
Enter 2 to remove mesh object
Enter 3 to list existing mesh objects
Enter 4 to exit the program
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3
List of Objects
--------------------
nothing to print
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```

```
Press 5 For Help
1
Enter name of Mesh
tree_1
Enter Number of faces: somwronginput
wrong input, try again
Enter Number of faces: 1000
Enter Number of vertices: 3000
Enter Scale factor: 1.1
Enter position X of Mesh: 0
Enter position Y of Mesh: 0
Object added to scene its id is: 1
Press 5 For Help
1
Enter name of Mesh
tree_2
Enter Number of faces: 1000
Enter Number of vertices: 3000
Enter Scale factor: 2.0
Enter position X of Mesh: 10
Enter position Y of Mesh: 10
Object added to scene its id is: 2
Press 5 For Help
3
List of Objects
----------------------
ID: 1
Number of Vertices: 3000
Center(0;0)
Number of Faces: 1000
Name: tree_1
Scale: 1.100000

ID: 2
Number of Vertices: 3000
Center(10;10)
Number of Faces: 1000
Name: tree_2
Scale: 2.000000

----------------------
Press 5 For Help
2
Enter id of mesh objects to remove
10
Object with id: 10 not found in the scene.
```

```
Press 5 For Help
2
Enter id of mesh objects to remove
1
Object with id: 1 removed from the scene.
Press 5 For Help
3
List of Objects
---------------------
ID: 2
Number of Vertices: 3000
Center(10;10)
Number of Faces: 1000
Name: tree_2
Scale: 2.000000

---------------------
Press 5 For Help
```