OUTPUTS OF THE HOMEWORK#1

```
cse312@ubuntu: ~/Desktop/HW1/spimsimulator-code-r730/spim
cse312@ubuntu:~/Desktop/HW1/spimsimulator-code-r730/spim$ ./spim
Loaded: /usr/share/spim/exceptions.s
(spim) load "Shell.asm"
(spim) run
=======================================================================
|===================== CSE 312 Operating Systems =====================|
=======================================================================
Welcome 151044058@SpimShell

Runnable files
    -> ShowDivisibleNumbers.asm
    -> BinarySearch.asm
    -> LinearSearch.asm
    -> SelectionSort.asm

To terminate 151044058@SpimShell enter "exit"
151044058@SpimShell:
```

```
cse312@ubuntu: ~/Desktop/HW1/spimsimulator-code-r730/spim
cse312@ubuntu:~/Desktop/HW1/spimsimulator-code-r730/spim$ ./spim
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Welcome 151044058@SpimShell

Runnable files
    -> ShowDivisibleNumbers.asm
    -> BinarySearch.asm
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    -> SelectionSort.asm

To terminate 151044058@SpimShell enter "exit"
151044058@SpimShell: ShowDivisibleNumbers.asm
Enter 3 integers
First number : 10
Second number : 35
Third number : 3
Divisible numbers : 12 15 18 21 24 27 30 33
151044058@SpimShell:
```

```
cse312@ubuntu: ~/Desktop/HW1/spimsimulator-code-r730/spim

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Runnable files
   -> ShowDivisibleNumbers.asm
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To terminate 151044058@SpimShell enter "exit"
151044058@SpimShell$: ShowDivisibleNumbers.asm
Enter 3 integers
First number : 10
Second number : 35
Third number : 3
Divisible numbers : 12 15 18 21 24 27 30 33
151044058@SpimShell$: ShowDivisibleNumbers.asm
Enter 3 integers
First number : 40
Second number : 7
Third number : 5
Divisible numbers : 10 15 20 25 30 35
151044058@SpimShell$:
```

```
cse312@ubuntu: ~/Desktop/HW1/spimsimulator-code-r730/spim

cse312@ubuntu:~/Desktop/HW1/spimsimulator-code-r730/spim$ ./spim
Loaded: /usr/share/spim/exceptions.s
(spim) load "Shell.asm"
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Welcome 151044058@SpimShell

Runnable files
   -> ShowDivisibleNumbers.asm
   -> BinarySearch.asm
   -> LinearSearch.asm
   -> SelectionSort.asm

To terminate 151044058@SpimShell enter "exit"
151044058@SpimShell$: BinarySearch.asm
Enter a target to search in the list : 99
Target is not in the list!
151044058@SpimShell$: BinarySearch.asm
Enter a target to search in the list : 7
Target is in the my_list[7]
151044058@SpimShell$:
```

my_list: .word -6, -2, -1, 0, 3, 4, 5, 7, 8, 9 # Sorted integer list

```
cse312@ubuntu: ~/Desktop/HW1/spimsimulator-code-r730/spim
cse312@ubuntu:~/Desktop/HW1/spimsimulator-code-r730/spim$ ./spim
Loaded: /usr/share/spim/exceptions.s
(spim) load "Shell.asm"
(spim) run
======================================================================
|===================== CSE 312 Operating Systems =====================|
======================================================================
Welcome 151044058@SpimShell

Runnable files
    -> ShowDivisibleNumbers.asm
    -> BinarySearch.asm
    -> LinearSearch.asm
    -> SelectionSort.asm

To terminate 151044058@SpimShell enter "exit"
151044058@SpimShell$: LinearSearch.asm
Enter a target to search in the list : 3
Target is in the my_list[9]
151044058@SpimShell$: LinearSearch.asm
Enter a target to search in the list : 2
Target is not in the list!
151044058@SpimShell$: 
```

my_list: .word 7, 4, -1, 0, 8, 5, -2, 9, 6, 3 # Integer list

```
cse312@ubuntu: ~/Desktop/HW1/spimsimulator-code-r730/spim
cse312@ubuntu:~/Desktop/HW1/spimsimulator-code-r730/spim$ ./spim
Loaded: /usr/share/spim/exceptions.s
(spim) load "Shell.asm"
(spim) run
======================================================================
|===================== CSE 312 Operating Systems =====================|
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Welcome 151044058@SpimShell

Runnable files
    -> ShowDivisibleNumbers.asm
    -> BinarySearch.asm
    -> LinearSearch.asm
    -> SelectionSort.asm

To terminate 151044058@SpimShell enter "exit"
151044058@SpimShell$: SelectionSort.asm
The list before sorting : 7 4 -1 0 8 5 -2 9 -6 3
The list after sorting  : -6 -2 -1 0 3 4 5 7 8 9
151044058@SpimShell$: 
```

```
😠 ⊖ ⬚  cse312@ubuntu: ~/Desktop/HW1/spimsimulator-code-r730/spim

cse312@ubuntu:~/Desktop/HW1/spimsimulator-code-r730/spim$ ./spim
Loaded: /usr/share/spim/exceptions.s
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Welcome 151044058@SpimShell

Runnable files
    -> ShowDivisibleNumbers.asm
    -> BinarySearch.asm
    -> LinearSearch.asm
    -> SelectionSort.asm

To terminate 151044058@SpimShell enter "exit"
151044058@SpimShell$: unkown.asm
Command not found!!
151044058@SpimShell$: exit
Terminating 151044058@SpimShell. Hava a nice day!
Created by Ali Haydar KURBAN
(spim)
```