

Lab Sheet 7 Laboratory Index No – 18001149

1)

```
printf("%50sMy name is %s\n",'','Pandula');
printf("%50sMy index number is: %d\n",'',18001149);
printf("%50sI was born on an %s day\n",'','even');
printf("%50sI am %.1f feet tall",'',5.6);
```

>> Myself

```
My name is Pandula
My index number is: 18001149
I was born on an even day
I am 5.6 feet tall>> |
```

2)

```
function mean_real_val = avg_real(varargin)

    rn= real([varargin{:}]);
    im=imag([varargin{:}]);
    mean_real_val = mean (rn)

    output = '';

endfunction

#avg_real(8 +3i, 6 +7i, 4 +3i, 7 + 4i)
```

```
>> function mean_real_val = avg_real(varargin)
rn= real([varargin{:}]);
im=imag([varargin{:}]);
mean_real_val = mean (rn)

    output = '';
endfunction
>> avg_real(8 +3i, 6 +7i, 4 +3i, 7 + 4i)
mean_real_val = 6.2500
ans = 6.2500
```