Octave Lab Practical Sheet - 05

01.

(a).

```
>> num2cell('hello')
ans =
{
    [1,1] = h
    [1,2] = e
    [1,3] = l
    [1,4] = l
    [1,5] = o
}
```

(b).

```
>>
>> num2cell(hello)
error: 'hello' undefined near line 1, column 10
>>
```

(c).

```
>> num2cell("hello")
ans =
{
    [1,1] = h
    [1,2] = e
    [1,3] = l
    [1,4] = l
    [1,5] = o
}
```

(d).

```
>> num2cell("()*&^%$")
ans =
{
    [1,1] = (
    [1,2] = )
    [1,3] = *
    [1,4] = &
    [1,5] = ^
    [1,6] = %
    [1,7] = $
}
>> >> >>
```

(e).

```
>> num2cell("()*&^%$")

ans =
{
    [1,1] = (
    [1,2] = )
    [1,3] = *
    [1,4] = &
    [1,5] = ^
    [1,6] = %
    [1,7] = $
}
```

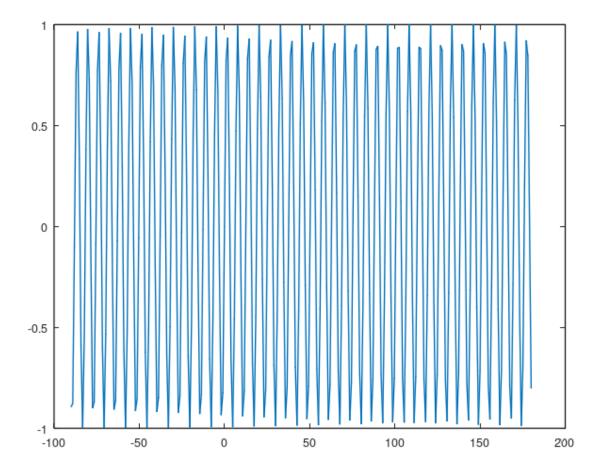
(f).

```
>> num2cell("() *&^%$")
ans =
{
    [1,1] = (
    [1,2] = )
    [1,3] = *
    [1,4] = &
    [1,5] = ^
    [1,6] = %
    [1,7] = $
}
>> |
```

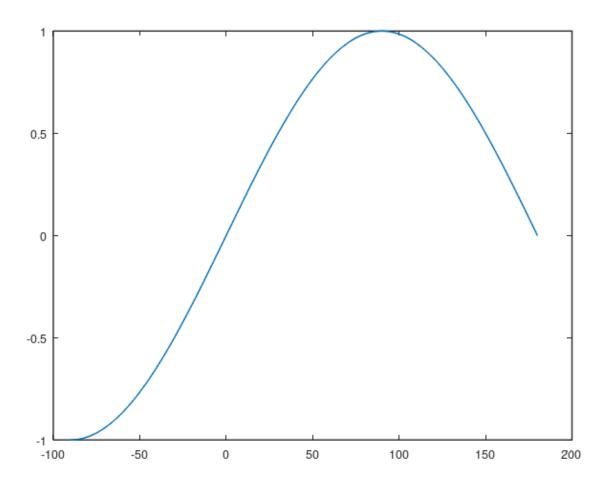
(g).

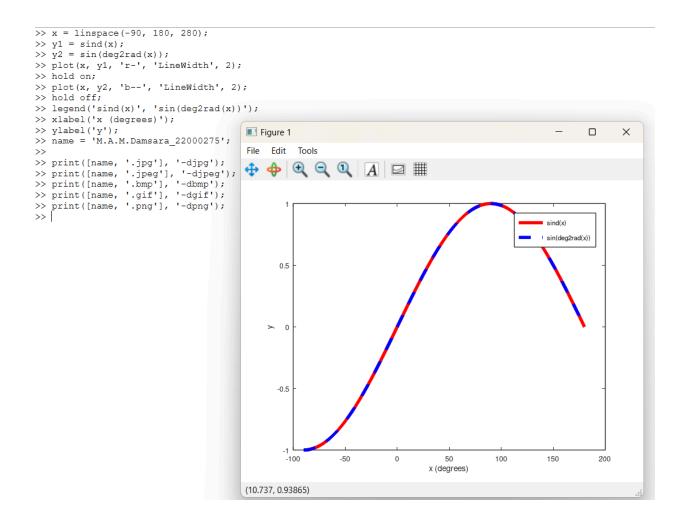
```
>>
>> num2cell("()*112$")
ans =
{
    [1,1] = (
    [1,2] = )
    [1,3] = *
    [1,4] = 1
    [1,5] = 1
    [1,6] = 2
    [1,7] = $
}
>> |
```

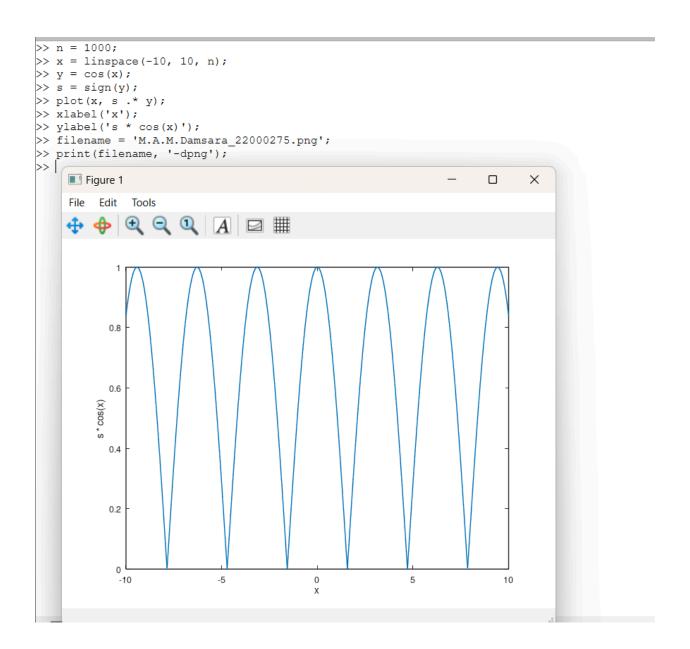
02. (a)





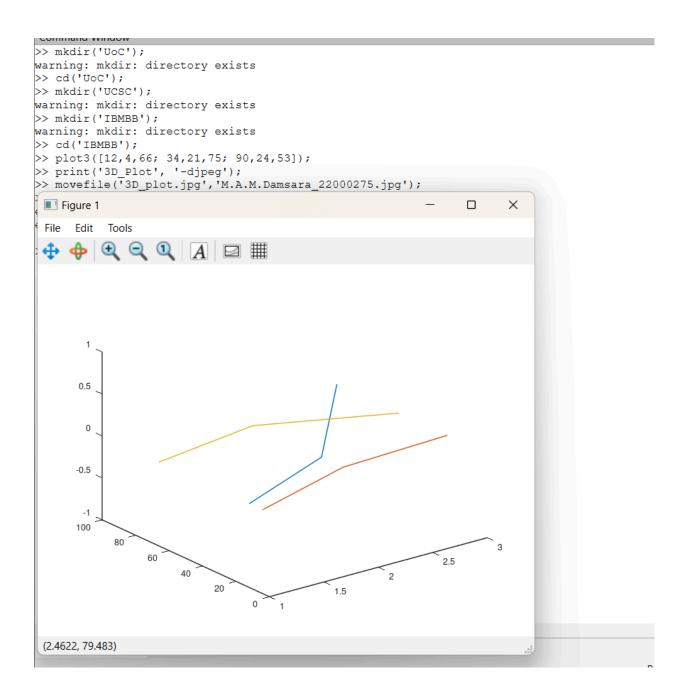




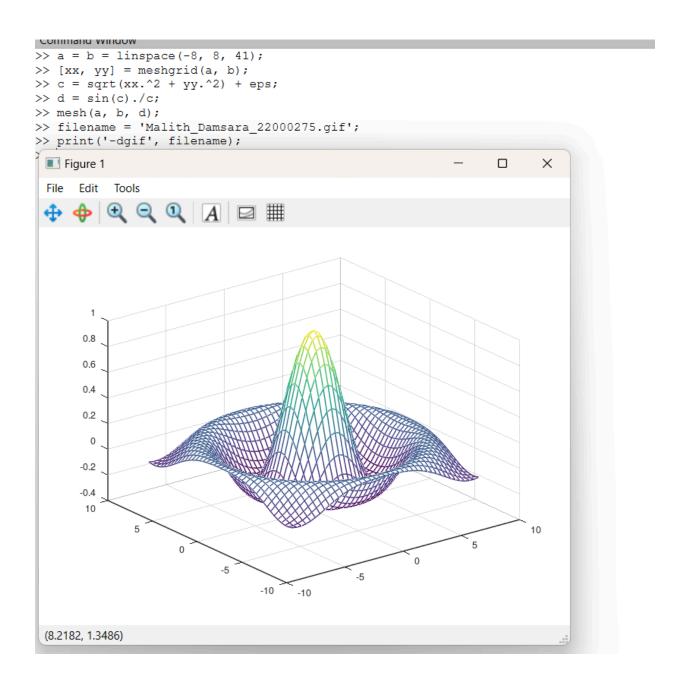


```
>> 8 < 3 & 2 > 9
ans = 0
>>
>>
>> 7 > 5 & 120 < 98.666
ans = 0
>>
>>
>> 9 == 9 & 100 > 49
ans = 1
>>
>>
>> 5 == 6 & 3 > 1 & 7 > 0
ans = 0
>>
>>
>> 'y' != 'z' & 4 < 3 & 5 > 2
ans = 0
>>
>>
>> "%" != "%" & 7 == 2 & 7840 > 7940
ans = 0
>>
>>
>>
>> 'y' == "y" & "x" == 'x'
ans = 1
>>
>>
>>
>> |
```

```
Command Window
>> 23 < 5 | 3 == 7
ans = 0
>>
>>
>> 8 < 7 | 3 > 0
ans = 1
ans = 1
>>
>>
>> 5 != 5 | 8 != 2 | 567 > 124
ans = 1
>>
>>
>>
>> "abc" == 'abc' | e == pi
ans =
 1 1 1
>>
>>
>> 'xyz' != "xyz" | e != pi
ans =
 1 1 1
>>
>>
>> "|" != '|' | "&@" == '&@' | 10000000 != 10000000
ans =
 1 1
```



```
>> initials = 'M.A.M';
>> myfName = 'Damsara';
>> fid = fopen('Malith_Damsara.txt', 'wt');
>> fprintf(fid, '%s\n', myfName);
>> fclose(fid);
>> fid = fopen('Malith_Damsara.txt', 'rt');
>> fileContent = fgetl(fid);
>> disp(fileContent);
Damsara
>> fclose(fid);
>>
```



Command Window

```
>> print('-dgif', 'output.gif');
error: print: no figure to print
error: called from
        print at line 467 column 5
>>
>>
>>
>> close;
>>
>> print('-dgif', 'output.gif');
error: print: no figure to print
error: called from
        print at line 467 column 5
>>
>>
>>
>>
```