String Solutions

1.
```
print "*\t*\t*\t*"
print "*\t*\t*\t*"
print "*\t*\t*\t*"
print "*\t*\t*\t*"
```

2.
```
for i in range(1, 11):
    print i
    print '\n',
```

3.
```
words = []
for i in range(5):
    words.append(raw_input("Enter a word: "))
words.sort()
print words
```

4.
```
sentence = raw_input("Enter something: ")
count_alpha = 0
count_num = 0
for char in sentence:
    if char.isalpha():
        count_alpha += 1
    elif char.isdigit():
        count_num += 1
count_other = len(sentence) - count_alpha - count_num
print count_alpha, "alphabetical characters"
print count_num, "numerical characters"
print count_other, "other characters"
```

5.
```
ab LALABOO ['l', 'l', 'boo']
   1  02  003
```

6.
```
months = ['January', 'February', 'March', 'April', 'May', 'June', 'July',
        'August', 'September', 'October', 'November', 'December']

string = raw_input("Enter a date in MM/DD/YYYY format: ")
string_list = string.split('/')
day = string_list[1]
month = months[int(string_list[0]) - 1]
year = string_list[2]
print day, month, year
```

7.
```
#solution 1

entry_string = str(raw_input("Please enter a string to be modified: "))
reverse_string = ''
length = len(entry_string)
while ( length > 0 ):
    reverse_string = reverse_string + entry_string[length -1 ]
    length = length - 1
print reverse_string

#solution 2

s = str(raw_input("Please enter a string to be modified: "))
new_string = ''
print new_string.join([s[i] for i in range(len(s)-1,-1,-1)])
```