```
Script started on Sun Sep 25 09:32:02 2016
    مال من المعلق ا
  $ cat pr^Hhred.py
#!/usr/bin/python
     # Hw 3
                              = "@GAAATG_1_1101_4446_2137_1"
    def convert_phred(asiic_score):
    q_score_for_nuc = ord(str(asiic_score)) - 33
                             return q_score_for_nuc
     def qual_score(encoded_phred_score):
                total_score = 0
count = 0
                 for i in encoded_phred_score:
                            total_score = convert_phred(i) + total_score
count += 1
                 # return avg quality score for encoded_phred_score
               return float(total_score) / float(count)
    count = 0
for i in phred:
               print count, ":", i, "- ", convert_phred(i)
                 count += 1
    print "Avg quality for phred string"
print "\n", qual_score(phred)
^[]0;ib501_stud12@compute-0-19:~/shell^G^[[01;31m^B09:32:10 ^[[01;32m^Bib501_stud12 ^[[02;36m^Bcompute-0-19 ^[[01;34m^B/home/a-m/ib501_stud12/shell ^[[00:33m^B^[[00m
```

```
93 : D - 35
94 : @ - 31
Avg quality for phred string
home/a-m/ib501_stud12/shell ^[[00;33m^B^[[00m
$ exit
exit
Script done on Sun Sep 25 09:32:20 2016
```