

Q3a.

Through following code, We could see the results ouputted at the end of code.

```
def computeBWT(s):
    s = s + '$'
    rows = sorted(s[i:] + s[:i] for i in range(len(s)))
    bwt = [row[-1:] for row in rows]
    print("".join(bwt))
    return "".join(bwt)

computeBWT('I_am_fully_convinced_that_species_are_not_immutable;but_that_those_belonging_to_wha
t_are_called_the_same_genera_are_lineal_descendants_of_some_other_and_generally_extinct_species,
_in_the_same_manner_as_the_acknowledged_varieties_of_any_one_species_are_the_descendants_of_that
_species._Furthermore,_I_am_convinced_that_natural_selection_has_been_the_most_important,_but_no
t_the_exclusive,_means_of_modification.')
```

```
## .etsense__$,eIIrftassrse,;emyleeymedntt,ee,fetetssssyeelftttedfdtsetndntgdort_ercr__ss_metd
d____vh_hhhhhcn__a____innsseeeex__neneeeenn__eorvlsrhhmrhmrmhnrnmppppplcclglbsbeccgghnnnhiiii
ddi__ooooi_nd__n_wtttttttttttttfcctrd__vvtlgttscaabelw_auaecllaa_aao_i_r_imooei_iiiaeeoineeio
a_kaaaaaoatm____sii_lccpmhmn_nssssmeeueoaaaaaeoueeeeearentta__eoo_u____onaosaucaauoaur_____
__or_exac_nnaftFlbbm_inn_oeelln
```