

# Web Developer Challenge

To apply, solve the problem below and include your solution as the first word in the subject line of your application email, which you can send to [zimbabwejobs2017@gmail.com](mailto:zimbabwejobs2017@gmail.com).

Please include your current resume in PDF, HTML, or Plain Text format. If you have a website, send us the URL. In the body of the email, describe how you solved our challenge and explain why you would be a good fit for this job.

## Application Problem

Sort the characters in the following string:

```
abcdefghijklmnopqrstuvwxyz_
```

by the number of times the character appears in the following text (descending):

```
cwrwxzbgickpjb_svnudntddwdqbfgyiqpuxddmpvyfquosmicfzkjekxzchnpgpaksafulateukuwomdrwza_n
_ptzktjzcuibnebe_tqessrzqewgkadrkvtynauopdanwazopg_fijcoojbsolr_ejesukzc_quochdnmti_lk
vrsegyieqlqysuxdvetskqtkhxiypfdiddztlicjurnllriopdtuuzpryrsepfydyeg_xkr_ruxp_lgqesysidfsy
gztwrba_ay_gaqqlbrvr_lbhawjraqujfxptmuvqfzklfodgaqrnhjrvaksjwemoosdltvw_qspxmlvqrysfix
zlkp_p_c_tepzozwnokvqspkizygoqpbhjnsoxpczgapctowbrletrunlgnvzpfwrqgedo_s_ygkxz_mpnncve
gfpbotupawevhfxvqhlerupjfibosbvhiijrodigzyhy_iijes_xsqrshhdzkjqitpljsftpitjetwmzqiabyie
wgtbjadtsjkckcxvlyrchloetluxkohn_uihkdjpcqgvejanslakmwendgkvmayknvjnr_kdapnumwvz_lsi
mxdtrflyleykxejl_jbkhexpcyreoapelqzzyriyrbxdgbgwrrixl_pt_mpwubvbveakxfsbfjg_xfqilxpzala
zduzucgoxz_yzhkjwamosiwclicifmebonobknqokyevtwmekack_k_kezmjkgmtgaouerwlfkaaqhkgghreoqhfj
zpxrlzmbgfpvofpxkmz_cnvsvfsuokpcaimnvdxeizbbgudln_wvkrqpijlncdacmsvytdxmu_zkvzilfrymozl
ovfhdzuarqumibrcvufcxcdrvw_ehbwhwoanluezthzhkpuqd_efilprbskomczdhoyudx_sybyfuako_xmorj
tdnvwlwskpxnhjhmamiyxbyhh_reqlnkbzmrn_oleixht_v_tigjuxpkmdpxznvbeqdzuedlfywxmcrbttdp_nfz
usrrvpttbtaticgdx_cdiookdmupufqhlwiidaveibsyrviqsyvgledamchipkibjftdedyxzqjgvyvrcgwopo_v
mldkrzhlaforljbeeqvgonrradkmgzin_mjbareajhewvyiicdzysmrnzppgiifvqecxixbtukignqzr_pzokied
mwsu_usamiqngdiolwahtkbyhob_xpvmkdvgbvymmtogfjogumfom_ppfut_cnxnjwjeiuidnapodo_wiqvgluof
jatvkwowosn_vbmdsrwkhbnmlwcterb_ycyklxsbhbjkpknlfsccburflfhjteqnnwrcfonrqifiapfeqqbv_d_r
gddzqkjt_eeinwww_oxropsvcpuignzzudsjugxghobkurukspjygbowcic_rmuaatueajsbdswnhjaoujs_nbc
mmrfjqogchrvghehdewpicqanwilpirqghzkklsfczavcegoqdfxlqamzspffozsmrmrzzjlfbrxcljdmvxeaxnify
jluwfnqdzmwzepzzxmbeyev_ms_flxgevtmyiqifnrsclobraupspnpndekgyxhkyhuaahgonahctcmhim_ufoevtv
emqffnmpgqmxqatvamwaqvogmdottva_yhjbuvc_wytdxssnbqrlqlvcaltxwfaej_ycvldqzwxphhwxitcvrp
zcdrrmfancifskzzpltgpyyskiqpcqiwsufibt_pvquhqadcllygxcshnbrudltm_pkjyfnolo_wqdwhbwpuvduod
tkfhqzmvjfhvsfdhyi_fkhuspwvqiaestpgkqelgo_lnmmodlmfmyggpizxbjautpleio_zalvo_ryrymndvnzqy
ermzsrngihghtampsdpiddtqdmgo_iwieomfruotxfduawlrxsbuoncmqehmtiyqzbilxloywkmtrbvmg_fxc
zgkcxecgjobcfenwztzivnfwi_jcmjlcqcxdkozmjbmfxuwlacinh_lbmepageeirjmszxllwfqiaeisrfrnuxpie
xsgpjo_hvaajqyzqrkdohewbeipbvbmefftjixqrnzrufbc_ombxljpmiedfnra_uqgnispsrrsuoekawzsdvfw
lgmwxub_hpccvblwyqycxdesl_f_vwvsgzptetyyjuemsnpkpcgdlxkuyyljhcquwrivsvuhbwvhf_jtgnvvlqpg
ufpvlgbtllhfrzxfhxoeolhq_muflillumega
```

Now take the sorted string, and drop all the characters after (and including) the `_`. The remaining word is the answer.