ASSIGNMENT-1 contains following character with probabilities. Perform -> find average length for the code -> find length of skuffman Encoded
message. I skuffman Encoded 2. A source emits 'letters from an alphabet $A = \{a_1, a_2, a_3, a_4, a_5\}$ with probabilities $P(a_1) = 0.015$, $P(a_2) = 0.04$, $P(a_3) = 0.26$, $P(a_4) = 0.05$ with probabilities

P(95) = 0.50. Calculate @ Entropy of the source.

© Find Kuffman code for source.

© Find average length of code

a) Redundancy of well.

Ithe code for alphabet A = 19, 92, 93, 943 with Probabilities-P(a1) = 0.1, P(a2) = 0.3, P(a3) = 0.25, P(a4) = 0.35.

4. Draw a stuffman cooling tree only from this character
frequency table: A=06/B=0.2 | C=0.07 D=0.08 E=0.05 F=0.02

5. Perform Adaptive Huffman Cooling for the sequence;
[aabcolad] for 26 lowerches letter of English
[aabcolad] for 26 lowerches letter of English
alphabet. Only mention the code sequence affect Encoding.

alphabet. Huffman Cooling for i astrachan?

6. Perform Adaptive Huffman Cooling it with Decode Procedure.

along with filled verifying it with Decode Procedure.