a. Genome to be sequenced

ACCATAGCTTTAATTA

b. Sequenced reads and resulting kmers (k=3)

ACCATAG (ACC, CCA, CAT, ATA, TAG)
TAGCTTT (TAG, AGC, GCT, CTT, TTT)
TTAATTA (TTA, TAA, AAT, ATT, TTA)
ATAGCTT (ATA, TAG, AGC, GCT, CTT)
CATAGCT (CAT, ATA, TAG, AGC, GCT)
AGCGTTA (AGC, GCG, CGT, GTT, TTA)
GCTTTAA (GCT, CTT, TTT, TTA, TAA)

c. de Bruijn graph reconstruction (k=3)