1. **diff corrupted.fastq MutiN.fastq**

**OUTPUT: 93,94c93**

**< @M00618:17:000000000-A31W7:1:1101:13859:2209 1:N:0:21**

**< GGAGGCGAGAGCGGAGACGACGGTGATCTGGGAGATCGACGAGGGGCAGAAGCGCATCGAGGGCNNNNACGAGGCCGGTCGCCCCGACCCCGCCTACGCGGCCGCGCTCGGGCTCCGCCCCGCGCCGCTCGGCCGTCGCGCGCTCGCGTCGATCATCGAGCTCTCGCTCTACGCGCTGCTGCAGCTGCCGTACTGGCTCGTCGCCCTGCCCTCGCTCGTGCGGATCGCGACCGCACGCTCCGTCATGCGCG**

**---**

**> TGATCTGGGAGATCGACGAGGGGCAGAAGCGCATCGAGGGCNNNNACGAGGCCGGTCGCCCCGACCCCGCCTACGCGGCCGCGCTCGGGCTCCGCCCCGCGCCGCTCGGCCGTCGCGCGCTCGCGTCGATCATCGAGCTCTCGCTCTACGCGCTGCTGCAGCTGCCGTACTGGCTCGTCGCCCTGCCCTCGCTCGTGCGGATCGCGACCGCACGCTCCGTCATGCGCG**

**1421,1424c1420**

**< @M00618:17:000000000-A31W7:1:1101:15910:4449 1:N:0:21**

**< CACGAGGCGGTGCGCGAGCGCCGGCACGGCGAGCGCCTTGACGTCGTCGGGGGTCACGTAGTCGCGGCCGTGGATCGCTGCCCACGCGCGCGCCGTCCGCACGAGCGCGAGCGCGCCGCGCACCGAGACGCCCAGGCGCACCTCGTCGGCCTCGCGCGTCGCGTCGACGAGCCGCGCGACGTAGTCGACGATCGACGCCTCGACGTGGACGCCGCGCACCTGGTCCGCGAGCGGGCCGGACGGCCATGTGC**

**< +**

**< AAAAAAAADEDDDDDDGGGGGGHHHHHHHHHHHHHHHHGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGAGGGGGGGECEEDGGDGGGGGGDA>GGEGDGGD<DGGGGGGGGDGGDAD>AGGGG<8?CC?8.4<>E.<C8>'.9CEGA84?88\*''5'.'..'8:\*\*\*\*\*...5'4.'''''''''''''\*\*\*\*\***

**---**

**> AAADEDDDDDDGGGGGGHHHHHHHHHHHHHHHHGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGAGGGGGGGECEEDGGDGGGGGGDA>GGEGDGGD<DGGGGGGGGDGGDAD>AGGGG<8?CC?8.4<>E.<C8>'.9CEGA84?88\*''5'.'..'8:\*\*\*\*\*...5'4.'''''''''''''\*\*\*\*\***

2. Name of file: **script1.sh**

3. Name of file: **script2.sh**

4. Name of file: **script3.sh**

5. Name of file: **script4.sh**

**Bonus: BONUS.sh**

**Bonus II: BONUS2.sh**