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private final String poruka = "Srećno na pripremi za kolokvijum!";

@Test
public void zadatak1(){
    String actual = "";
    for(int i = 0; i < poruka.length(); i++){
        actual += (char)((int)poruka.charAt(i) + i);
    }
    String expected = CryptingAlgorithms.encryptAverageASCIIKey(poruka);
    Assert.assertEquals(expected, actual);
}

@Test
public void zadatak2(){
    String actual = "";
    for(int i = 0; i < poruka.length(); i++){
        actual += (char)(1802 - (int)poruka.charAt(i));
    }
    String expected = CryptingAlgorithms.decryptASCIIMirror(poruka);
    Assert.assertEquals(expected, actual);
}

@Test
public void zadatak3(){
    String actual = "";
    char firstCharacter = poruka.charAt(0);
    actual += firstCharacter;
    for(int i = 1; i < poruka.length(); i++){
        actual += (char)((int)poruka.charAt(i) + (int)firstCharacter);
    }
    String expected = CryptingAlgorithms.encryptFirstLetterASCIIKey(poruka);
    Assert.assertEquals(expected, actual);
}

@Test
public void zadatak4(){
    String actual = "";
    for(int i = poruka.length()-1; i >= 0; i--){
        actual += poruka.charAt(i);
    }
    String expected = CryptingAlgorithms.decryptReversedLetters(poruka);
    Assert.assertEquals(expected, actual);
}

```