Assignment # 2

Q1) Consider the language, defined over Σ = {x, y} of words starting with double a and ending in double b, also write the regular expression for all string.

Q2) Consider the language, defined over Σ = {a, b} of words starting with a and ending in b or starting with b and ending in a, also write the regular expression for all string.

Q3) Determine the regular expression of the language, defined over Σ = { a, b} of words beginning with and ending in same letter.

Q4) Consider the language, defined over Σ = {a, b} which contain a substring aab.

Q6) Consider the language, defined over Σ = {a, b} which start and end with a

Q7) Consider the language, defined over Σ = {a, b} which start and end with different letter.

Q8) Consider the language, defined over Σ = {a, b} whose string length should exactly be 3

Q9) Consider the language, defined over Σ = {a, b} whose string length should greater than and equals to 3

Q10) Consider the language, defined over Σ = {a, b} whose 3rd symbol from left end is b.

Q11) Determine the regular expression of the language, defined over Σ = { a, b} of words ending with b.