



Extra Credit  $\Sigma = \{1,2,a,b\} - a \text{ language that only accepts a String it it Contains only "a"s and "b"s or only "1"s and "2"s$   $Q_{4} = \{1,2,a,b\} - a \text{ language that only accepts a String it it Contains}$   $Q_{4} = \{1,2,a,b\} - a \text{ language that only accepts a String it it Contains}$   $Q_{4} = \{1,2,a,b\} - a \text{ language that only accepts a String it it Contains}$   $Q_{4} = \{1,2,a,b\} - a \text{ language that only accepts a String it it Contains}$   $Q_{4} = \{1,2,a,b\} - a \text{ language that only accepts a String it it Contains}$   $Q_{4} = \{1,2,a,b\} - a \text{ language that only accepts a String it it Contains}$   $Q_{4} = \{1,2,a,b\} - a \text{ language that only accepts a String it it Contains}$   $Q_{4} = \{1,2,a,b\} - a \text{ language that only accepts a String it it Contains}$