Navlakhi®

Type I : Design a Machine to check

1. **Decimal number divisible by 3**
2. **Decimal number divisible by 4**
3. **Binary number divisible by 3**
4. **Ternary number divisible by 4**
5. **Ternary number divisible by 5**
6. **Unary number divisible by 3**

Type 2: Design a FSM to accept

1. **Odd 0's & any number of 1's**
2. **Even 0's & odd 1's**
3. **End with 00**
4. **Ending with 101**
5. **Containing 1101**
6. **Ending with abb or bba**
7. **Starting with abb or bba**
8. **Ending with aa**
9. **3rd symbol is 'b'**
10. **Second last symbol is 'a'**
11. **Decimal number is even**
12. **At most 3 a's**
13. **At least 3 a's**
14. **Exactly 3 a's**
15. **Does not contain bbb**
16. **Recognize CAT from input I={C,H,A,R,I,O,T}**

Type 3: Mealy Moore Machine

ηαυλακhi

Navlakhi®