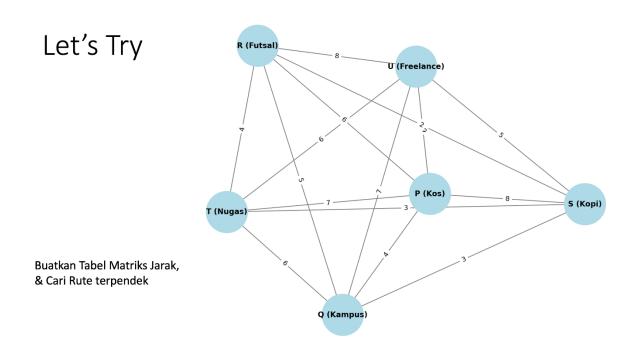
Nama: Markus Wahid Sabel Hansen Situmorang

NIM : 21102133



Tabel Matriks Jarak

	R	U	P	S	Q	T
R	-	8	6	2	5	4
U	8	-	9	5	7	6
P	6	9	-	8	4	7
S	2	5	8	-	3	3
Q	5	7	4	3	-	6
T	4	6	7	3	6	-

No	Rute	Bobot
1	P -> U -> R -> S -> Q -> T -> P	35
2	P -> U -> R -> S -> T -> Q -> P	32
3	P -> U -> R -> Q -> S -> T -> P	35
4	P -> U -> R -> Q -> T -> S -> P	39
5	P -> U -> R -> T -> S -> Q -> P	31
6	P -> U -> R -> T -> Q -> S -> P	38
7	P -> U -> S -> R -> Q -> T -> P	34
8	P -> U -> S -> R -> T -> Q -> P	30
9	P -> U -> S -> Q -> R -> T -> P	33
10	P -> U -> S -> Q -> T -> R -> P	33
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12	P -> U -> S -> T -> Q -> R -> P	34
13	P -> U -> Q -> R -> S -> T -> P	33
14	P -> U -> Q -> R -> T -> S -> P	36

15	P -> U -> Q -> S -> R -> T -> P	32
16	P -> U -> Q -> S -> T -> R -> P	32
17	P -> U -> Q -> T -> R -> S -> P	36
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26	P -> S -> R -> U -> T -> Q -> P	34
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65 P > R > Q > T > U > S > P 36 36 66 P > R > Q > T > S > U > P 34 34 34 34 34 34 34 34 34 3			
66 P > R > Q > T > S > U > P 28 29 28 34 67 P > R > T > U > S > Q > P 28 34 46 88 P > R > T > U > S > Q > P 28 34 46 89 P > R > T > U > S > Q > P 34 46 89 P > R > T > S > U > S > Q > P 34 46 46 89 P > R > T > S > U > Q > P 98 34 46 46 46 46 46 46 46 46 46			
67 P > R > T > U > S > Q > P 34 34 34 34 35 36 36 37 37 37 37 38 38 38 38 38 38			
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76 P > Q > R > S > T > U > P 29 77 P > Q > R > T > U > S > P 32 78 P > Q > R > T > S > U > P 30 79 P > Q > U > R > T > S > P 31 80 P > Q > U > R > T > S > P 34 81 P > Q > U > S > T > R > P 29 82 P > Q > U > S > T > R > P 29 83 P > Q > U > T > S > R > P 21 84 P > Q > U > T > S > R > P 21 85 P > Q > U > T > S > R > P 28 85 P > Q > S > R > U > T > P 30 86 P > Q > S > U > T > R > D 28 87 P > Q > S > U > T > R > P 28 87 P > Q > S > U > T > R > P 31 88 P > Q > S > U > T > R > P 31 89 P > Q > S > T > R > U > P 31 90 P > Q > S > T > R > U > P 30 91 P > Q > T > R > S > U > P 30 92 P > Q > T > R > S > U > P 30 93 P > Q > T > S > R > P 32 94 P > Q > T > S > R > P 32 95 <td></td> <td></td> <td></td>			
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86 P -> Q -> S -> R -> T -> U -> P 28 87 P -> Q -> S -> U -> R -> T -> P 31 88 P -> Q -> S -> U -> T -> R -> P 28 89 P -> Q -> S -> T -> R -> U -> P 31 90 P -> Q -> S -> T -> U -> R -> P 30 91 P -> Q -> T -> R -> U -> S -> P 35 92 P -> Q -> T -> R -> U -> S -> P 30 93 P -> Q -> T -> U -> R -> S -> P 34 94 P -> Q -> T -> U -> R -> S -> P 32 95 P -> Q -> T -> U -> S -> R -> P 32 96 P -> Q -> T -> S -> U -> P 32 97 P -> T -> R -> U -> S -> Q -> P 31 98 P -> T -> R -> U -> Q -> S -> P 37 99 P -> T -> R -> U -> Q -> S -> P 32 100 P -> T -> R -> S -> Q -> U -> P 32 101 P -> T -> R -> Q -> U -> P 32 102 P -> T -> R -> Q -> Q -> S -> P 33 103 P -> T -> R -> Q -> Q -> P 30 104 P -> T -> Q -> Q -> S -> P 37 105 P -> T -> U -> R -> Q -> R -> P 32			
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97 P -> T -> R -> U -> S -> Q -> P 31 98 P -> T -> R -> U -> Q -> S -> P 37 99 P -> T -> R -> S -> U -> Q -> P 29 100 P -> T -> R -> S -> Q -> U -> P 32 101 P -> T -> R -> Q -> U -> S -> P 36 102 P -> T -> R -> Q -> S -> U -> P 33 103 P -> T -> U -> R -> Q -> S -> Q -> P 30 104 P -> T -> U -> R -> Q -> S -> P 37 105 P -> T -> U -> S -> R -> Q -> P 29 106 P -> T -> U -> S -> R -> Q -> P 32 107 P -> T -> U -> Q -> R -> S -> P 35 108 P -> T -> U -> Q -> S -> R -> P 31 109 P -> T -> S -> R -> U -> Q -> P 31		·	
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99 P -> T -> R -> S -> U -> Q -> P 29 100 P -> T -> R -> S -> Q -> U -> P 32 101 P -> T -> R -> Q -> U -> S -> P 36 102 P -> T -> R -> Q -> S -> U -> P 33 103 P -> T -> U -> R -> S -> Q -> P 30 104 P -> T -> U -> R -> Q -> S -> P 37 105 P -> T -> U -> S -> R -> Q -> P 29 106 P -> T -> U -> S -> Q -> R -> P 32 107 P -> T -> U -> Q -> R -> S -> P 35 108 P -> T -> U -> Q -> S -> R -> P 31 109 P -> T -> S -> R -> U -> Q -> P 31	98	$P \to T \to R \to U \to Q \to S \to P$	37
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107 P -> T -> U -> Q -> R -> S -> P 35 108 P -> T -> U -> Q -> S -> R -> P 31 109 P -> T -> S -> R -> U -> Q -> P 31	105	$P \to T \to U \to S \to R \to Q \to P$	29
108 P -> T -> U -> Q -> S -> R -> P 31 109 P -> T -> S -> R -> U -> Q -> P 31	106	$P \rightarrow T \rightarrow U \rightarrow S \rightarrow Q \rightarrow R \rightarrow P$	32
109 $P \rightarrow T \rightarrow S \rightarrow R \rightarrow U \rightarrow Q \rightarrow P$ 31	107	$P \to T \to U \to Q \to R \to S \to P$	35
	108	$P \to T \to U \to Q \to S \to R \to P$	31
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	110	$P \rightarrow T \rightarrow S \rightarrow R \rightarrow Q \rightarrow U \rightarrow P$	33

111	P -> T -> S -> U -> R -> Q -> P	32
112	P -> T -> S -> U -> Q -> R -> P	33
113	P -> T -> S -> Q -> R -> U -> P	35
114	P -> T -> S -> Q -> U -> R -> P	34
115	P -> T -> Q -> R -> U -> S -> P	39
116	P -> T -> Q -> R -> S -> U -> P	34
117	P -> T -> Q -> U -> R -> S -> P	38
118	P -> T -> Q -> U -> S -> R -> P	33
119	P -> T -> Q -> S -> R -> U -> P	35
120	P -> T -> Q -> S -> U -> R -> P	35

Rute Terpendek adalah P -> U -> T -> R -> S -> Q Dengan Bobot 28

