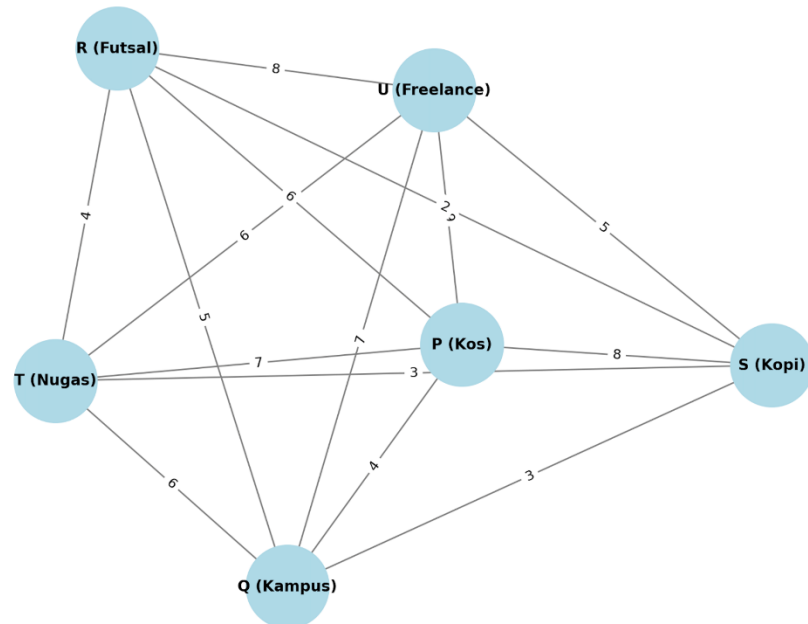


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NIM : 21102133

Let's Try



Buatkan Tabel Matriks Jarak,  
& Cari Rute terpendek

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
11	P -> U -> S -> T -> R -> Q -> P	30
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
18	P → U → Q → T → S → R → P	33
19	P → U → T → R → S → Q → P	28
20	P → U → T → R → Q → S → P	35
21	P → U → T → S → R → Q → P	29
22	P → U → T → S → Q → R → P	32
23	P → U → T → Q → R → S → P	36
24	P → U → T → Q → S → R → P	32
25	P → S → R → U → Q → T → P	38
26	P → S → R → U → T → Q → P	34
27	P → S → R → Q → U → T → P	35
28	P → S → R → Q → T → U → P	36
29	P → S → R → T → U → Q → P	31
30	P → S → R → T → Q → U → P	36
31	P → S → U → R → Q → T → P	39
32	P → S → U → R → T → Q → P	35
33	P → S → U → Q → R → T → P	36
34	P → S → U → Q → T → R → P	36
35	P → S → U → T → R → Q → P	32
36	P → S → U → T → Q → R → P	36
37	P → S → Q → R → U → T → P	37
38	P → S → Q → R → T → U → P	35
39	P → S → Q → U → R → T → P	37
40	P → S → Q → U → T → R → P	34
41	P → S → Q → T → R → U → P	38
42	P → S → Q → T → U → R → P	37
43	P → S → T → R → U → Q → P	34
44	P → S → T → R → Q → U → P	36
45	P → S → T → U → R → Q → P	34
46	P → S → T → U → Q → R → P	35
47	P → S → T → Q → R → U → P	39
48	P → S → T → Q → U → R → P	38
49	P → R → U → S → Q → T → P	35
50	P → R → U → S → T → Q → P	32
51	P → R → U → Q → S → T → P	34
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53	P → R → U → T → S → Q → P	30
54	P → R → U → T → Q → S → P	37
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56	P → R → S → U → T → Q → P	29
57	P → R → S → Q → U → T → P	31
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59	P → R → S → T → U → Q → P	28
60	P → R → S → T → Q → U → P	33
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62	P → R → Q → U → T → S → P	35

63	P → R → Q → S → U → T → P	32
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65	P → R → Q → T → U → S → P	36
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83	P → Q → U → T → R → S → P	31
84	P → Q → U → T → S → R → P	28
85	P → Q → S → R → U → T → P	30
86	P → Q → S → R → T → U → P	28
87	P → Q → S → U → R → T → P	31
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93	P → Q → T → U → R → S → P	34
94	P → Q → T → U → S → R → P	29
95	P → Q → T → S → R → U → P	32
96	P → Q → T → S → U → R → P	32
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 → 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
110	P → T → S → R → Q → U → P	33

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

Rute Terpendek adalah  $P \rightarrow U \rightarrow T \rightarrow R \rightarrow S \rightarrow Q$  Dengan Bobot 28

