

alphabet graph 2

	агріта	bct_graph_2		
	Step	visited	Tree edges	Carrent
Min count (1	A	A+0, D+A	A
	2	A, D		D
	3	A, B, D	A=0, 0=4, 0=3, B=0	8
	4	A, B, D, E	4+0, 0+A, 0+B, B+0 0+G, E+D	E
min-span-tree(string source-name) find source-node visited=empty	5	A, B, C, D, E	A+D, D>A, D+B, B>D D+E, E+D, E+C, C+E	C
tree_edges = empty current = source_nde while (visited. size() < nodes. size())			1000000	
Weight) for current neighbors find edge with lowest weight				
visited push_back(current) tree_edges push_back(both edges)				
update current				
print size of tree-edges print sum of weights print source and destination of each node				
bean .				

Expec	ted Out	put for	alphabet-graph-2 Destination		•
Edge	Weight	Source	Destination		
	3	A	D		
1.2	3	D	A	Total weight=7	0
2.1		D	В		
2.2		R	D		
3.2	2	0	E		
4.1	1	5	9		
4.2	-	C	E		0

Expected minimum spanning tree for vvardenfell_graph



Total weight = 1128 km