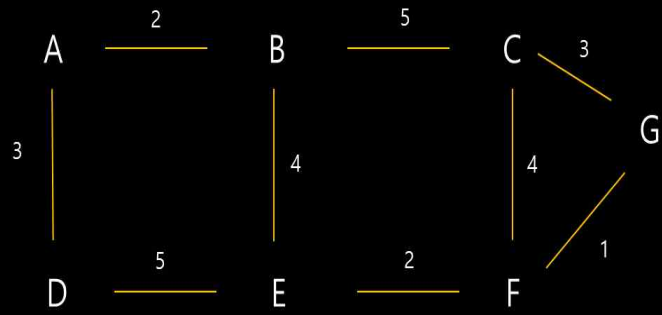
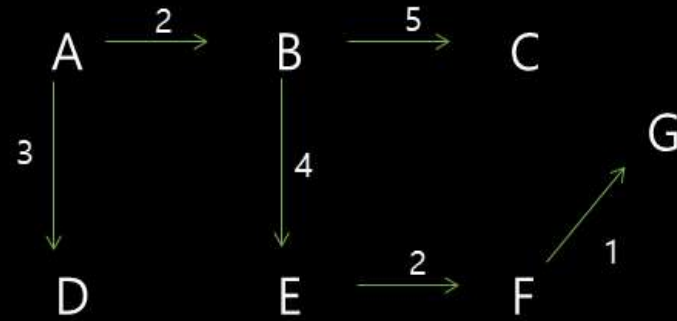


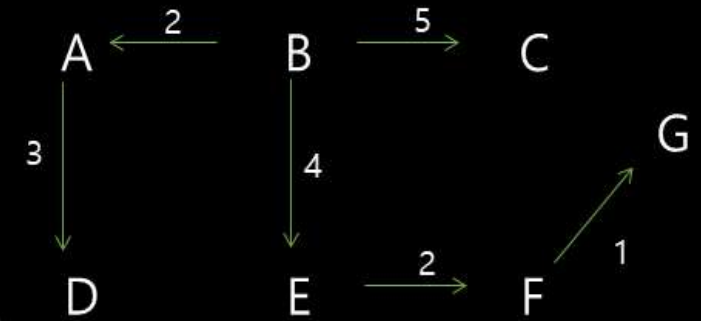
Input the source router



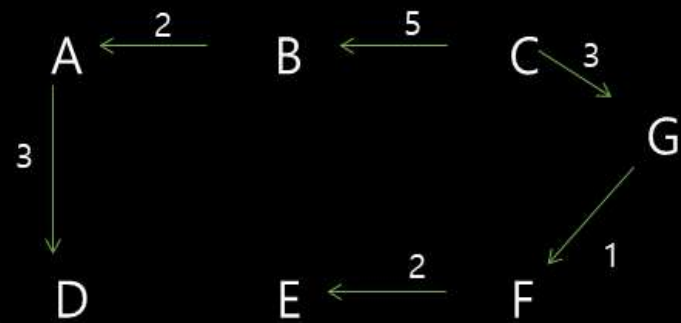
Input the source router : A



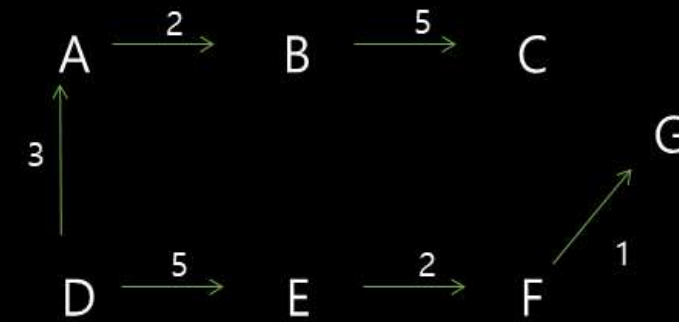
Input the source router : B



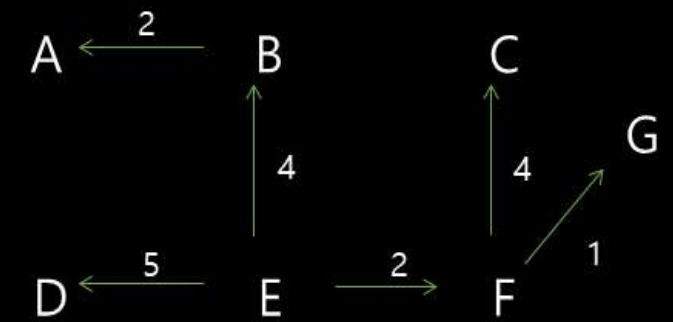
Input the source router : C



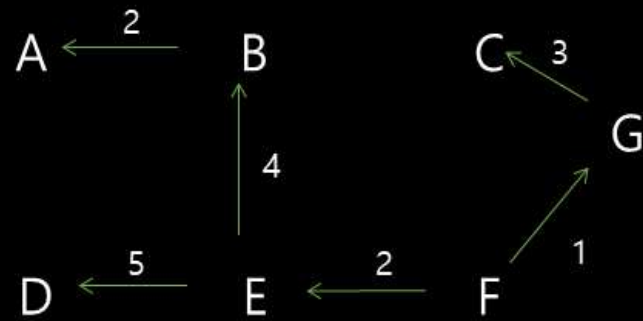
Input the source router : D



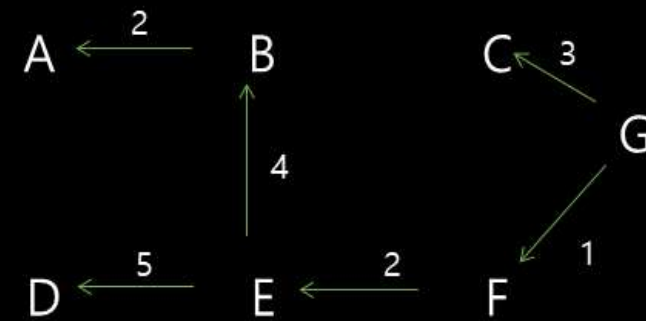
Input the source router : E



Input the source router : F



Input the source router : G



C:\WINDOWS\system32\cmd.exe

```

%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
%                               Program to find the least-cost tree for unicast routing                               %
%                               least-cost tree's vertex : 7                               %
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%

> input the source router : A
> Least-cost tree rooted at A : (A, 0, B, D), (B, 2, C, E), (C, 7, NULL), (D, 3, NULL), (E, 6, F), (F, 8, G), (G, 9, NULL)

> input the source router : B
> Least-cost tree rooted at B : (A, 2, D), (B, 0, A, C, E), (C, 5, NULL), (D, 5, NULL), (E, 4, F), (F, 6, G), (G, 7, NULL)

> input the source router : C
> Least-cost tree rooted at C : (A, 7, D), (B, 5, A), (C, 0, B, G), (D, 10, NULL), (E, 6, NULL), (F, 4, E), (G, 3, F)

> input the source router : D
> Least-cost tree rooted at D : (A, 3, B), (B, 5, C), (C, 10, NULL), (D, 0, A, E), (E, 5, F), (F, 7, G), (G, 8, NULL)

> input the source router : E
> Least-cost tree rooted at E : (A, 6, NULL), (B, 4, A), (C, 6, NULL), (D, 5, NULL), (E, 0, B, D, F), (F, 2, C, G), (G, 3, NULL)

> input the source router : F
> Least-cost tree rooted at F : (A, 8, NULL), (B, 6, A), (C, 4, NULL), (D, 7, NULL), (E, 2, B, D), (F, 0, E, G), (G, 1, C)

> input the source router : G
> Least-cost tree rooted at G : (A, 9, NULL), (B, 7, A), (C, 3, NULL), (D, 8, NULL), (E, 3, B, D), (F, 1, E), (G, 0, C, F)

> input the source router : 컴퓨터공학과 20154215 구명회
  
```