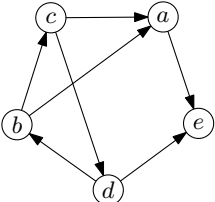
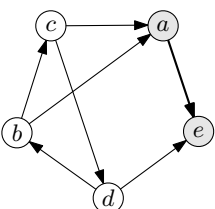


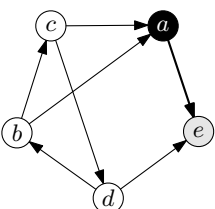
initialising all nodes WHITE



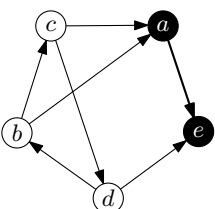
VISIT( $a$ ); colour[ $a$ ]  $\leftarrow$  GREY;  
 $e$  is WHITE neighbour of  $a$ ;  
 colour[ $e$ ]  $\leftarrow$  GREY; pred[ $e$ ]  $\leftarrow a$ ;



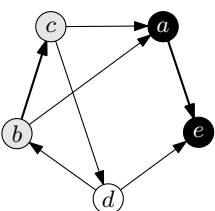
VISIT( $a$ ); colour[ $a$ ]  $\leftarrow$  GREY;  
 $e$  is WHITE neighbour of  $a$ ;  
 colour[ $e$ ]  $\leftarrow$  GREY; pred[ $e$ ]  $\leftarrow a$ ;  
 choose GREY  $a$ ; no WHITE neighbour:  
 colour[ $a$ ]  $\leftarrow$  BLACK;



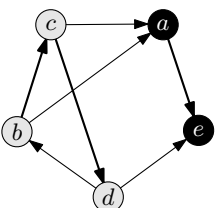
VISIT( $a$ ); colour[ $a$ ]  $\leftarrow$  GREY;  
 choose GREY  $a$ ;  $e$  is WHITE neighbour of  $a$ ;  
 colour[ $e$ ]  $\leftarrow$  GREY; pred[ $e$ ]  $\leftarrow a$ ;  
 choose GREY  $a$ ; no WHITE neighbour:  
 colour[ $a$ ]  $\leftarrow$  BLACK;  
 choose GREY  $e$ ; no WHITE neighbour:  
 colour[ $e$ ]  $\leftarrow$  BLACK;



VISIT( $b$ ); colour[ $b$ ]  $\leftarrow$  GREY;  
 $c$  is WHITE neighbour of  $b$ ;  
 colour[ $c$ ]  $\leftarrow$  GREY; pred[ $c$ ]  $\leftarrow b$ ;



VISIT( $b$ ); colour[ $b$ ]  $\leftarrow$  GREY;  
 choose GREY  $b$ ;  $c$  is WHITE neighbour of  $b$ ;  
 colour[ $c$ ]  $\leftarrow$  GREY; pred[ $c$ ]  $\leftarrow b$ ;  
 choose GREY  $c$ ;  $d$  is WHITE neighbour of  $c$ :  
 colour[ $d$ ]  $\leftarrow$  GREY; pred[ $d$ ]  $\leftarrow c$ ;



VISIT( $b$ ); colour[ $b$ ]  $\leftarrow$  GREY;  
 choose GREY  $b$ ;  $c$  is WHITE neighbour of  $b$ ;  
 colour[ $c$ ]  $\leftarrow$  GREY; pred[ $c$ ]  $\leftarrow b$ ;  
 choose GREY  $c$ ;  $d$  is WHITE neighbour of  $c$ :  
 colour[ $d$ ]  $\leftarrow$  GREY; pred[ $d$ ]  $\leftarrow c$ ;  
 no more WHITE nodes:  
 colour[ $d$ ]  $\leftarrow$  BLACK;  
 colour[ $c$ ]  $\leftarrow$  BLACK;  
 colour[ $b$ ]  $\leftarrow$  BLACK;

