```
ADS Lab 1
Program - 1
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16MIRCS019

```
Stouct rode
         int data;
         and stouct node + Link;
1 /
 stouct node * XOR (stouct node * a, stouct node * b)
        neturn (struct node +) ((wintptr_t(a) 1 (wintptr_t(b));
 ?
 9
 void injust_end(int data)
              struct node + newnode = new (struct node);
2
               newnode->data = data;
               neuvnode -> link = NULL;
               if (head = = NULL)
                       head = new node;
               3
               else
                           struct node * current = head;
                           struct node & prev = NULL)
                          struct node + X)
                           while [covered > link! = power)
                                     x = wwent;
                                    current - xOR ( wount -> link, pew):
                                     prev=x;
                          3
                          ewount -> link = XOR ( wount -> link, new nocle);
                          newnode - wink = current;
```

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```
void insert-beginning (int data)
```

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Atunct node * newnode = new (struct node);

newnode > data = data;

newnode > link = NULL;

if (head == NULL)

head = newnode;

gets

newnode -> hink = head;

head -> hight = XOR (head -> hink, newnode);

head = newnode;
```

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