Nama: Azka Zafran Andiani

Kelas: IF-03-02

NIM: 1203230021

LAPORAN ASD

A. Source Code:

```
int val;
struct node *next;
struct node *prev;
void InsertLast(int val)

4 {
          node *new = CreateNod
          if(tail->next == NULL
               node *new = CreateNode(val);
if(tail->next == NULL)
tail->next = new;
tail->prev = new;
new->prev = tail;
new->next = tail;
tail = tail->next;
              van1->next = van2->next;
van2->next->prev = van1;
van2->prev = van1;
van2->prev = van2->prev->prev;
van2->next = van1;
van1->prev->next = van2;
van1->prev = van2;
van1->prev = van2;
if((j-val) < (j->next->val))
{
    printf("%d <-> %d\n", j->next, j->next->val);
    SwitchHode(j, j->next);
    if(j == var)
               do
{
   printf("%d:%p --> ", temp->val, temp);
   temp = temp->next;
}while(temp != tail->next);
printf("\n");
               int num[7] = {5, 3, 6, 1, 7, 2, 9};
tail = CreateNode(num[0]);
for(int i = 1; i < 7; i++)</pre>
               }
printf("List sebelum sort:\n");
NodePrint();
tail = NodeDescendingSort(tail);
printf("List sesudah sort:\n");
NodePrint();
```

```
B. Output:

List sebelum sort:
5:0000019E2BDD8720 --> 3:0000019E2BDD8860 --> 6:0000019E2BDD8740 --> 1:0000019E2BDD87A0 --> 7:0000019E2BDD84E0 --> 2:0000019E2BDD8680 --> 9:0000019E2BDD8660 --> 9:0000019E2BDB860 --> 9
```