```
hh:
     for(int i=0: i<N: i++)
1
2
                                                                  cond0 = icmp cur node, 0
3
       float cur product = 1;
                                                                  br cond0, bb3, bb1
       node* cur node = heads[i];
4
       while(cur node !=0)
5
6
         float cur val = cur node->value;
                                                bb1:
         cur product *= cur val;
8
         cur node = cur node->next;
                                                 cur node1 = phi [cur node2, bb1], [cur node,bb]
9
                                                 cur product = phi [1, bb], [cur product1, bb1]
10
                                                 cur value = cur node1->value
11
       products[i] = cur product;
                                                 cur product1 = cur product * cur value
12
                                                cur node2 = cur node1->next
                                                 cond1 = icmp cur node2, 0
                                                 br cond1, bb3, bb1
     Memory access in a
     dependency cycle –
       non-optimizable
                                                                      bb3:
```

Dependency on operand