1. 2-2
   1. FIFO stand for First in, first out
   2. The process of adding to the queue is called an ”enqueue”
   3. The process of taking away from the queue is called a “dequeue”
   4. ABCD
2. 2-4
   1. Yes, the number of integers stored in the queue never goes above seven.
   2. 29 48 14 55 81 34
   3. Picture

1. R-5.9
   1. 53289176
   2. Contents of queue: 9176
   3. head = 9, tail = 6
2. int dequeue(){

if (head == null){

cout << “Queue Empty”;

exit(1);

}

else {

node \* temp = head->next;

while(temp->next){

temp = temp->next;

}

return temp->datum;

delete temp;

}

}