**Priority\_Queue Built-in Functions:**

1. **Constructor**

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| --- | --- |
| Name | Details |
| Constructor | |  | | --- | | *priority\_queue*<*int*> PQ ; *// big to small*  *priority\_queue*<*int*,*vector*<*int*>,*greater*<*int*>> PQ; *// small to big* | | // Copy constructor  *priority\_queue* <*int*> qu2;  PQ2 = PQ | |
| Assignment | |  |  | | --- | --- | | Access: | *while*(!PQ.empty())  {  cout << PQ.top();  PQ.pop();  } | | Size | *int* n = PQ.size(); | |
| Modification | |  |  | | --- | --- | | Push: | PQ.push(10); | | Pop() | PQ.pop(); | | Sort() | .  *// small to big*  *class* *custom*  {  *public:*  *bool* operator()(*int* a, *int* b)      {  *return* a > b;      }  };  *priority\_queue*<*int*, *vector*<*int*>, custom> PQ; | |
| Iterators |  |
| Capacity |  |