Наследование

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// Programming 1. Sample at 2017-05-18-14-06.31
#include <stdio.h>


class Person
{

public:
  char m_name [20];
  int  m_age;

  void print()
  {
    printf("%p name=%s, age = %d size=%lu \n",
      this, m_name,m_age,sizeof(*this));
  }

  Person()
  {
    m_name[0]='\0';
    m_age = 0;
  }
};

class Teenager : public Person
{
  int m_bandsLiked;
public:
  void print()
  {
    printf("%p name=%s, age = %d size=%lu %d \n",
      this,m_name,m_age,sizeof(*this), m_bandsLiked);
  }

};



int main(/*int c, char **v */)
{
  Teenager t;
  Person p;
//  p.print();
  p.Teenager::print();
  t.Person::print();
  t.Teenager::print();

  printf("%lu %lu\n",sizeof(p), sizeof(t));
```

```
  return 0;
}
```

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