





12 抽象 152 仮想基本の52

keita. Mage: cast Spell();

30

[11]

[7]

4. A 群 B 群 C 群 (3)(元 2] (ア) (1) (1) 0 (1)(2) (1) (2) [完 2] 121 (3) (ウ) (2)(1)[完 2] (21 (3)(2

[6]

```
5.
    // 略
    class Minute{
                                              I friend Minute operator + (COTIST int & i, const Minutel m)
     int minute;
    public:
     Minute() {minute = 0;}
                                              Minute operator At (int dummy) {
     Minute (int i) {
                                                     Minute tmp = * this;
                                                    minute ff;
       minute = i)
                                           (E)
                                                    return top;
(A)
                                           [3]
[3]
                                               operator inf () {
    Minute & operator = (int i) {
                                                     return minutes
                                           (F)
                                           [3]
        minute = i'
(B)
        return * this;
[3]
                                               Minute operator + (Const int & i, const Minutel m) {
   Minute operator + (coast Minute& m) {
                                                 return Minute (i + m. minute);
     return Minute (minute + m.minte), [3]
(c)
                                               int main() { /* 略 */ }
        查授了以外929
 (ウ)
           実装は変換関数になる
               nt型の10かMinute型に変換されている。
```

[28]

```
flemplate (class T)

class Vector {

The vec;

size_t size;

public:

size_t getSize() {return size;}

Vector() {

vec = nullptr;

Size = o;

}

Vector (size_1 n) {

Vec = new T[n];

size = n;

}
```

```
Vector & operator = (const Vector & v) {
       if ( this != & v) {
         size = V. size;
         Vec = new TCsize);
(E)
         for (size + risk size is ttlf
            vec[s] = v. vec[s];
    ~ Vector () {
       deletp[] vec;
    };
   template L class T>
   T& Vector < T>:: Operator [](1ize-1 s)
(C)
        return vec[s];
    int main()
     Vector 2 double > vl(10);
     for (int i = 0; i < 10; i++)
       ... // 以下略
```

[28]

(ア)空欄(A) Occupation fighter = dynamic\_cast(Fighter +> (occup); Occupation boxer = dynamic-cast ( Mage \* 7 (Occup)) combo () { wid slash(1) kick(1; pierce(); (イ)空欄(C) \* occup. combo(); OCCup -> combo();

```
空欄(A)
[2] # include < vector >
    flindude <i +televor> = #include <i terator> # include calgorithm>
   Vector (Charz palin)
(int ; = 0; str[i] = 10'; i++) {
         palin. push - baok (str[i]);
空欄(Đ)
[3]
    Sort (palin. end (), palin. begin ()); reverse (palin. begin 1). palin. end ();
空欄(E)
 (vector のサイズを使う方法)
for (inti =0; i2 polin.size(); itt) {
       Cout << polin[i]
 COUT CC ENd ()
(イテレータを使う方法)
   Acr (auto it = polin. begin , it != polin.end(); itt) {
        cout << * it >
   cout a endli
```

[16]