**Exercitiul 2**

0,2 alegere corecta fv()+ rezultat

0,2 alegere corecta adun(1)+rezultat

0,1 explicatii

var 1

class B{

public: virtual B \* fv(){return this;}

int adun(int p){return p+1;}

};

class D:public B{

public: virtual D \* fv(){return this;}

int adun (int p){return p+2;}

};

int main(){

B \*p =new D;

int x=p->fv()->adun(1);

return 0;

}

Barem : fv intoarce corect pointerul din D dar metoda adun nu e virtuala !!!deci se evalueaza la compilare si se apeleaza cea din baza

Raspuns:x=2

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var 2

class B{

public: virtual B\* fv(){return this;}

virtual int adun(int p){return p+1;}

};

class D:public B{

public: virtual B\* fv(){return this;}

virtual int adun (int p){return p+2;}

};

int main(){

B \*p =new D;

int x=p->fv()->adun(1);

return 0;

}

Barem : fv intoarce pointer din B dar care contine adresa de ob din D!!!, care va alege varianta din D

Raspuns:x=3

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var 3

class B{

public: virtual B\* fv(){return this;}

int adun(int p){return p+1;}

};

class D:public B{

public: virtual B\* fv(){return this;}

int adun (int p){return p+2;}

};

int main(){

B \*p =new D;

int x=p->fv()->adun(1);

return 0;

}

Barem : fv intoarce pointer din B, care contine adresa de ob din D , dar adun nu e virtual -o alege pe cea din B

Raspuns:x=2

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var 4

class B{

public: virtual B \* fv(){return this;}

virtual int adun(int p){return p+1;}

};

class D:public B{

public: virtual D \* fv(){return this;}

virtual int adun (int p){return p+2;}

};

int main(){

B \*p =new D;

int x=p->fv()->adun(1);

return 0;

}

Barem : fv intoarce pointer din D si va alege adun din D

Raspuns:x=3

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var 5.

class B{

public: B \* fv(){return this;}

virtual int adun(int p){return p+1;}

};

class D:public B{

public: B \* fv(){return this;}

virtual int adun (int p){return p+2;}

};

int main(){

B \*p =new D;

int x=p->fv()->adun(1);

return 0;

}

Barem: aleg fv din B , intoarce pointer din B care contine adresa de ob din D, se alege adun din D

Raspuns:x=3