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Grade	8.00 out of 20.00 (40%)

Question 1

Complete

Mark 2.00 out of 5.00

Buatlah sebuah fungsi *validator* dalam framework Laravel untuk melakukan validasi inputan dari form buku berikut ini:

36.[5 poin] Buatlah fungsi validasi untuk *input*-an Judul Buku (text-input **name**: *title*):

fungsi validasi yang diminta: *inputan* tidak boleh kosong, alphanumerik.

Note: Perhatikan gambar di bawah ini sebagai acuan pekerjaan anda.

The figure shows four instances of a 'Tambah Buku' form. Each form has four input fields: 'Judul Buku', 'Pengarang', 'Penerbit', and 'Tahun Terbit', followed by a 'Simpan Buku' button.
 - Top-left: All fields are empty.
 - Top-right: All fields are empty, and a red error box at the bottom lists four messages: 'The title field is required.', 'The author field is required.', 'The publisher field is required.', and 'The year field is required.'
 - Bottom-left: The 'Tahun Terbit' field contains the letter 'a'. The error box lists the same four messages as the top-right form.
 - Bottom-right: The 'Tahun Terbit' field contains the number '1'. The error box lists the same four messages as the top-right form.

Gambar 1. Tampilan Form Buku Berbagai Kondisi Ketika Tombol Simpan di Tekan

Anda boleh menggunakan template ini jika dirasa perlu:

```
class BukuController extends Controller
{
    public function validator()
    {
        $this->.....(1)....., [
            'title' => .....(2).....
            'author' => .....(3).....
            'publisher' => .....(4).....
            'year' => .....(5).....
        ];
    }
}
```

```
class BukuController extends Controller
```

```
{
    public function validator()
    {
        $this->Tambah_Buku;[
            'title'=placeholder="A-Z,0-9">;
        ];
    }
}
```

Comment:

```
$this->validate(request(), [  
    'title' => ['required', 'alpha_num'],  
    'author' => ['required', 'max:25'],  
    'publisher' => ['required', 'alpha_num'],  
    'year' => ['required', 'numeric', 'digits:4'],  
]);
```

Question 2

Complete

Mark 2.00 out of 5.00

Buatlah sebuah fungsi *validator* dalam framework Laravel untuk melakukan validasi inputan dari form buku berikut ini:

37.[5 poin] Buatlah fungsi validasi untuk *input*-an Pengarang (text-input **name**: *author*):

fungsi validasi yang diminta: *inputan* tidak boleh kosong, max panjang 25 karakter.

Note: Perhatikan gambar di bawah ini sebagai acuan pekerjaan anda.

The figure shows four instances of a 'Tambah Buku' form. Each form has four input fields: 'Judul Buku', 'Pengarang', 'Penerbit', and 'Tahun Terbit', followed by a 'Simpan Buku' button. The error messages are as follows:

- Top-right: 'The title field is required.', 'The author field is required.', 'The publisher field is required.', 'The year field is required.'
- Bottom-left: 'The title field is required.', 'The author field is required.', 'The publisher field is required.', 'The year must be an integer.', 'The year must be 4 digits.'
- Bottom-right: 'The title field is required.', 'The author field is required.', 'The publisher field is required.', 'The year must be 4 digits.'

Gambar 1. Tampilan Form Buku Berbagai Kondisi Ketika Tombol Simpan di Tekan

Anda boleh menggunakan template ini jika dirasa perlu:

```
class BukuController extends Controller
{
    public function validator()
    {
        $this->.....(1)....., [
            'title' => .....(2).....
            'author' => .....(3).....
            'publisher' => .....(4).....
            'year' => .....(5).....
        ]);
    }
}
```

```
class BukuController extends Controller
```

```
{
    public function validator()
    {
        $this->Tambah_Buku;[
        'title'=placeholder="A-Z,0-9">;
        'author'=int length <= 25, placeholder="inputan tidak boleh kosong, max panjang 25 karakter";
        ]);
    }
}
```

Comment:

```
$this->validate(request(), [  
    'title' => ['required', 'alpha_num'],  
    'author' => ['required', 'max:25'],  
    'publisher' => ['required', 'alpha_num'],  
    'year' => ['required', 'numeric', 'digits:4'],  
]);
```

Question 3

Complete

Mark 2.00 out of 5.00

Buatlah sebuah fungsi *validator* dalam framework Laravel untuk melakukan validasi inputan dari form buku berikut ini:

38.[5 poin] Buatlah fungsi validasi untuk *input*-an Penerbit (text-input **name**: *publisher*):

fungsi validasi yang diminta: *inputan* tidak boleh kosong, alphanumerik.

Note: Perhatikan gambar di bawah ini sebagai acuan pekerjaan anda.

The figure shows four instances of a 'Tambah Buku' form. Each form has four input fields: 'Judul Buku', 'Pengarang', 'Penerbit', and 'Tahun Terbit', followed by a 'Simpan Buku' button. The error messages displayed are:

- Top-right: The title field is required. The author field is required. The publisher field is required. The year field is required.
- Bottom-left: The title field is required. The author field is required. The publisher field is required. The year must be an integer. The year must be 4 digits.
- Bottom-right: The title field is required. The author field is required. The publisher field is required. The year must be 4 digits.

Gambar 1. Tampilan Form Buku Berbagai Kondisi Ketika Tombol Simpan di Tekan

Anda boleh menggunakan template ini jika dirasa perlu:

```
class BukuController extends Controller
{
    public function validator()
    {
        $this->.....(1)....., [
            'title' => .....(2).....
            'author' => .....(3).....
            'publisher' => .....(4).....
            'year' => .....(5).....
        ];
    }
}
```

```
class BukuController extends Controller
```

```
{
    public function validator()
    {
        $this->Tambah_Buku;[
        'title'=placeholder="A-Z,0-9">;
        'author'=placeholder="inputan tidak boleh kosong, max panjang 25 karakter";
        'publisher'=placeholder="A-Z,0-9";
        ]];
    }
}
```

Comment:

Question 4

Complete

Mark 2.00 out of 5.00

Buatlah sebuah fungsi *validator* dalam framework Laravel untuk melakukan validasi inputan dari form buku berikut ini:

39.[5 poin] Buatlah fungsi validasi untuk *input*-an Tahun Terbit (text-input **name**: *year*):

fungsi validasi yang diminta: *inputan* tidak boleh kosong, numerik, panjang max 4 karakter.

Note: Perhatikan gambar di bawah ini sebagai acuan pekerjaan anda.

The figure shows four instances of a 'Tambah Buku' form. Each form has four input fields: 'Judul Buku', 'Pengarang', 'Penerbit', and 'Tahun Terbit', followed by a 'Simpan Buku' button. The validation states are as follows:

- Top-left:** All input fields are empty.
- Top-right:** All input fields are empty. A red error box at the bottom lists: 'The title field is required.', 'The author field is required.', 'The publisher field is required.', and 'The year field is required.'
- Bottom-left:** The 'Judul Buku' field contains the letter 'a'. The other fields are empty. A red error box at the bottom lists: 'The title field is required.', 'The author field is required.', 'The publisher field is required.', and 'The year must be an integer.'
- Bottom-right:** The 'Judul Buku' field contains 'a' and the 'Tahun Terbit' field contains '1'. The other fields are empty. A red error box at the bottom lists: 'The title field is required.', 'The author field is required.', 'The publisher field is required.', and 'The year must be 4 digits.'

Gambar 1. Tampilan Form Buku Berbagai Kondisi Ketika Tombol Simpan di Tekan

Anda boleh menggunakan template ini jika dirasa perlu:

```
class BukuController extends Controller
{
    public function validator()
    {
        $this->.....(1)....., [
            'title' => .....(2).....
            'author' => .....(3).....
            'publisher' => .....(4).....
            'year' => .....(5).....
        ];
    }
}
```

```
class BukuController extends Controller
```

```
{
    public function validator()
    {
        $this->Tambah_Buku;[
        'title'=placeholder="A-Z,0-9">;
        'author'=int length<=25,placeholder="inputan tidak boleh kosong, max panjang 25 karakter";
        'publisher'=placeholder="A-Z,0-9">;
        'year'=int length<=4, placeholder="inputan tidak boleh kosong, numerik, panjang max 4 karakter";
        ]);
    }
}
```


Comment:

```
$this->validate(request(),[
    'title' => 'required | alpha_num',
    'author' => 'required | max:25',
    'publisher' => 'required | alpha_num',
    'year' => 'required | numeric | digits:4',
]);
```